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The Commonwealth of Massachusetts

DEPARTMENT OF INDUSTRIAL ACCIDENTS.
Room 272, State House, Boston, April 23, 1931.

To the Honorable Senate and House of Representatives:

The Department of Industrial Accidents has the honor to transmit herewith its eighteenth annual report.

Respectfully,

INDUSTRIAL ACCIDENT BOARD

WILLIAM W. KENNARD, <i>Chairman</i>	EMMA S. TOUSANT
JOSEPH A. PARKS	EDWARD E. CLARK
CHESTER E. GLEASON	ALFRED B. CENEDELLA
CHARLES M. STILLER	

ROBERT E. GRANDFIELD, *Secretary*

EIGHTEENTH ANNUAL REPORT

OF THE

Department of Industrial Accidents.

INTRODUCTION

The Department of Industrial Accidents presents herewith its eighteenth annual report. This report contains the facts and figures, in summarized form, which comprise the Department's experience in the administration of the Workmen's Compensation Act (General Laws, chapter 152) for the year beginning July 1, 1929 to June 30, 1930.

It may be stated, in brief, that a comparison with the report for the year ending June 30, 1929, shows that although there was an increase in the number of injuries reported to the Board and a corresponding increase in the number of tabulatable injuries, the percentage of tabulatable injuries decreased from 37.6 per cent in 1929 to 36.2 per cent in 1930. The severity of injuries, as measured by the plan for weighting time loss due to injuries, was more by 62,702 days than for the previous year. This increase may be accounted for, in part, by the fact that there were 546 more tabulatable injuries than in 1929. This number includes 7 permanent totals, which are given a weighted time loss of 42,000 days, or 18,000 more than last year.

A synopsis of the subjects covered in the current report follows:

The Eighteenth Year of the Act.—This chapter covers in condensed form the number of tabulatable injuries, total reported injuries, aggregate time lost, a condensed statement of combined payments by insurance companies operating under the Act, extent of incapacity in certain cases, and dependency, in brief, in fatal cases.

Summary of Accident Experience.—This chapter explains the various tables found in the Appendix, with brief analysis of each, and should be referred to for an understanding of the tables used. Graphs containing comparisons are used to present certain important phases of the experience.

Dependency in Fatal Cases not Insured under the Act.—This chapter deals with facts with particular reference to the condition of dependents in fatal cases where the injured employees were not insured under the provisions of the Act. The statements represent an analysis based on Table XII in the Appendix of this report.

Medical Division.—A brief summary of the work of this division with some statistical data for the past year.

EIGHTEENTH YEAR OF THE ACT

There were 170,663 accident reports filed with the Department of Industrial Accidents during the year July 1, 1929 to June 30, 1930. Of these, 61,741 were tabulatable injuries (injuries causing the loss of at least one day or one shift, usually 8 hours), including deaths, permanent total, permanent partial, and temporary total disabilities. Death resulted in 344 of these cases, 7 involved permanent total disability, 1,179 were of a permanent partial nature, and 60,211 were temporary totals.

There was an increase in the number of reported injuries, from 160,183 in 1929 to 170,663 in 1930, and a corresponding increase in the number of tabulatable injuries, from 60,195 in 1929 to 61,741 in 1930.

The reports from insurance companies show that the payments made and to be made on account of injuries this year total \$9,861,383.09, and are classified as follows: medical, \$3,233,167.55; fatal compensation, \$1,051,211.22; and non-fatal compensation, \$5,577,004.32.

The weighted time loss charged to all injuries is 4,803,557 days, distributed as follows: death, 43.0 per cent; temporary total disability, 37.7 per cent; permanent partial disability, 18.4 per cent; and permanent total disability, .9 per cent.

There were 344 fatalities this year, a decrease of 11 cases in comparison with the year ending June 30, 1929. Total dependency was involved in 243 of these cases, 582 persons being so dependent. In 61 cases, dependency was partial, the dependents numbering 78. In the remaining 39 cases, there was no dependency. There were 309 cases or 89.8 per cent insured.

TABLE I, TOTAL TABULATABLE INJURIES, BY INDUSTRIES AND CASES INSURED AND NOT INSURED.

There were 95.7 per cent, or 59,083 of the tabulatable injuries insured and 4.3 per cent, or 2,658 cases not insured. There was a decrease of .6 per cent in the number of not insured cases in comparison with the year ending June 30, 1929.

TABLE II, INSURANCE TRANSACTIONS UNDER THE ACT.

This table was compiled from figures furnished the Board by authorized insurance companies operating under the Act, and also from the boards, commissions and departments of the Commonwealth of Massachusetts, and all counties, cities, and towns which have accepted the provisions of chapter 807, Acts of 1913. A total payment of \$9,861,383.09 is shown.

During the past year there has been paid to injured laborers, workmen and mechanics, and their dependents of the Commonwealth and the various counties, cities, towns and districts which have accepted St. 1916, ch. 807, (now G. L., ch. 152, ss.69-75), the sum of \$335,325.79.

The average cost per tabulatable case, including compensation and medical benefits, was \$159.71, as compared with an average cost of \$157.18 for the year ending June 30, 1929. The greater part of this increase may be attributed to the fact that there were seven permanent total cases this year as compared with four cases in 1929.

Insurance Payments.

TYPE OF PAYMENT.	Amount.	Per Cent.
Medical, for all cases	\$3,233,167.55	32.8
Fatal, dependency compensation	1,051,211.22	10.7
Non-fatal, disability compensation	5,577,004.32	56.5
Totals	\$9,861,383.09	100.0

Based on the payments made and the number of cases to which they apply, the average cost per case for the several groups is as follows:

Average Cost per Specified Case.

TYPE OF PAYMENT.	Number of Cases.	Average Cost.
Medical, for all cases	123,475	\$ 26.19
Fatal, dependency compensation	303	3,469.34
Non-fatal, disability compensation	38,580	144.55

TABLE III, FREQUENCY OF INJURIES, BY INDUSTRIES AND EXTENT OF DISABILITY.

This table indicates the number of deaths, permanent total disabilities, permanent partial disabilities, and temporary total disabilities.

In permanent total disabilities, the element of judgment based on experience, must enter into classifying a part of the data. In rating injuries of this nature the general principle by which severity is to be measured is based on economic loss to the community and the loss of wages to the employee. Permanent total disability applies to every injury which permanently incapacitates the workmen from performing any work continuously in a gainful occupation. The element of judgment must enter into the classification of the data, because the statistics must be compiled before we can determine definitely whether an injured employee is ever going to be able to perform work again.

Permanent partial disabilities are all injuries less than permanent total, which result in the loss of any member of the body, or part thereof, or in the permanent impairment of any function, as included in the specific injury table.

Temporary total disabilities are those in which the injured employee returned to work at his former wages, except a small number in which disability extended over one year.

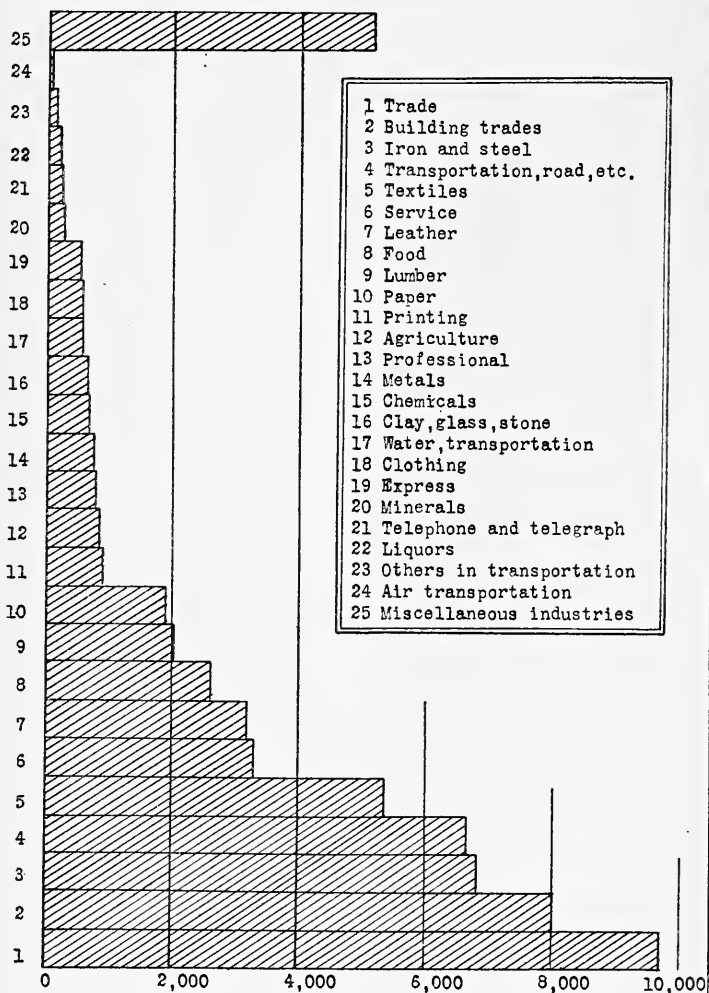
Extent of Total Tabulatable Injuries.

EXTENT OF DISABILITY.	Number of Cases.	Per Cent.
Deaths	344	.5
Permanent total disabilities	7	.1
Permanent partial disabilities	1,179	1.9
Temporary total disabilities	60,211	97.5
Totals	61,741	100.0

¹ Less than one-tenth of one per cent.

NUMBER OF TOTAL TABULATABLE INJURIES BY INDUSTRIES

July 1, 1929 - June 30, 1930



Department of Industrial Accidents

The following table is a summary of the duration of disability in all cases in this classification:

Duration of Temporary Total Disabilities.

DISABILITY PERIOD.	Number of Cases.	Per Cent.
1 to 3 days	8,586	14.3
4 to 7 days	12,881	21.4
1 to 2 weeks	8,241	13.7
2 to 3 weeks	7,937	13.2
3 to 4 weeks	5,232	8.7
4 to 8 weeks	10,067	16.7
8 to 13 weeks	3,814	6.3
13 to 26 weeks	2,111	3.5
26 to 52 weeks	1,051	1.7
Over 1 year	291	.5
Totals	60,211	100.0

It should be noted that in 21,467 cases, or 35.7 per cent of the temporary total disabilities, the employee was not incapacitated for a period of more than 7 days. Compensation would not be payable on these injuries, but if the employers were insured, the employees would be entitled to medical benefits.

Total Tabulatable Injuries, by Industries and Extent of Disability, Including Percentage Distribution.

INDUSTRIES.	TOTALS.		DEATHS.		PERMANENT TOTAL DISABILITIES.		PERMANENT PARTIAL DISABILITIES.		TEMPORARY TOTAL DISABILITIES.	
	Num-ber	Per Cent.	Num-ber.	Per Cent.	Num-ber.	Per Cent.	Num-ber.	Per Cent.	Num-ber.	Per Cent.
Trade	9,695	15.7	41	11.9	1	14.3-	102	8.6	9,550	15.9
Building trades	8,000	13.0	72	21.0	1	14.3-	103	8.7	7,824	13.0
Iron and steel	6,811	11.0	27	7.9	-	-	225	19.1	6,559	10.9
Transportation, road	6,666	10.8	64	18.6	2	28.6-	61	5.2	6,539	10.9
Textiles	5,345	8.7	20	5.8	-	-	149	12.6	5,176	8.6
Miscellaneous	5,132	8.3	37	10.8	2	28.6-	136	11.5	4,957	8.2
Service	3,319	5.4	19	5.5	-	-	34	2.9	3,266	5.4
Leather	3,180	5.1	6	1.7	-	-	59	5.0	3,115	5.2
Food	2,615	4.2	4	1.2	-	-	45	3.8	2,566	4.3
Lumber	2,037	3.3	7	2.0	-	-	86	7.3	1,944	3.2
Paper	1,897	3.1	6	1.7	-	-	52	4.4	1,839	3.0
Printing, bookbinding	893	1.4	2	.6	-	-	22	1.8	869	1.4
Agriculture	820	1.3	6	1.7	1	14.3-	10	.9	803	1.3
Professional	781	1.3	8	2.3	-	-	10	.9	763	1.3
Metals	730	1.2	4	1.2	-	-	30	2.5	696	1.2
Chemicals	684	1.1	6	1.7	-	-	12	1.0	667	1.1
Clay, glass, stone	655	1.1	6	1.7	-	-	24	2.0	625	1.0
Water transportation	543	.9	1	.3	-	-	2	.2	540	.9
Clothing	540	.9	-	-	-	-	1	.1	539	.9
Express	525	.8	2	.6	-	-	2	.2	521	.9
Minerals	272	.4	3	.9	-	-	10	.9	259	.4
Telephone, telegraph	244	.4	2	.6	-	-	2	.2	240	.4
Liquors	211	.3	-	-	-	-	-	-	211	.3
Others in transportation	137	.2	-	-	-	-	2	.2	135	.2
Air transportation	9	.1	1	.3	-	-	-	-	8	.1
Totals	61,741	100.0	344	100.0	7	100.0	1,179	100.0	60,211	100.0

Deaths.—Building trades had the highest number of deaths, 72, or 21.0 per cent; followed in order by transportation, road, etc., with 64, or 18.6 per cent; trade, with 41, or 11.9 per cent, and the rest as shown.

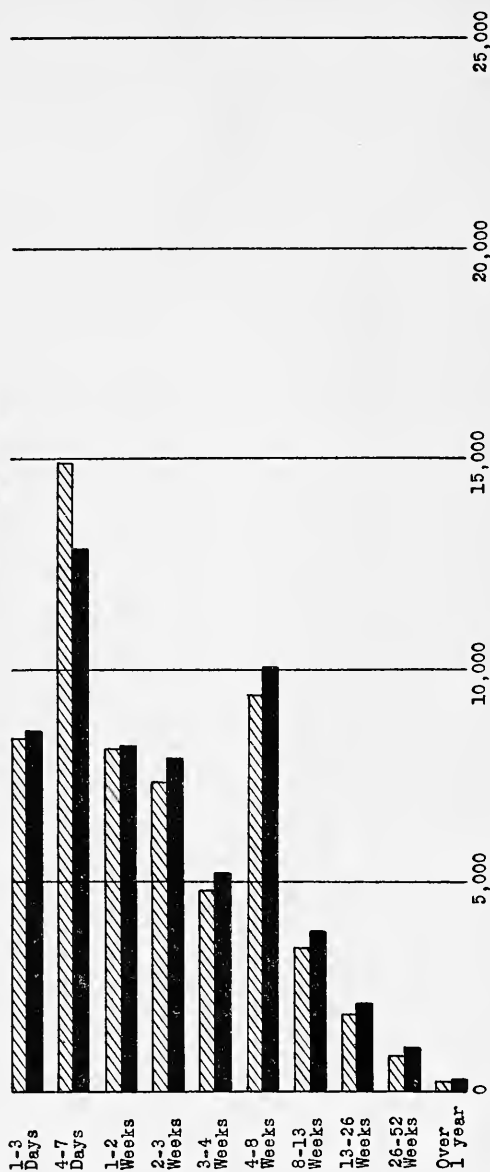
Permanent Total Disabilities.—There were 7 permanent total disabilities this year, distributed as follows: transportation, road, etc., 2; miscellaneous industries, 2; agriculture, 1; building trades, 1; and trade, 1.

There were 2 cases in which the employees, who had previously lost the sight of one eye, sustained injuries resulting in the loss of sight

¹ Less than one-tenth of one per cent.

DURATION OF DISABILITY IN CASES OF TEMPORARY TOTAL DISABILITY

Comparison of year ending
June 30, 1929 with year ending June 30, 1930



Department of Industrial Accidents

in the other. One of these employees, who was 30 years old, was struck in the eye by a stone which flew out of a stone crusher, and the other employee, 60 years old, was injured by a flying particle while chopping wood.

We also had a case in which the employee, 38 years old, while working for an electric light company, suffered electrical burns resulting in the amputation of his left arm. This man had received injuries five years ago, in which his right arm was amputated.

The permanent total disability in the building industry was to an employee, 27 years old, who fell from a ladder and broke his back, which caused paralysis of both legs.

Three of the permanent total disability cases involved men of advanced years. One of these was an employee, 69 years old, who fell off a pile of lumber and fractured both heels; another was a man, 71 years old, employed in a rubber factory, who was caught between the floor of the elevator and the elevator well, sustaining severe lacerations and shock; the third case was that of an employee, 75 years old, who received a dislocation of the fifth cervical vertebra, when he struck his head while driving a team out of the barn.

Permanent Partial Disabilities.—Iron and steel had the highest frequency with 225 cases or 19.1 per cent; textiles, with 149, or 12.6 per cent, and miscellaneous, with 136, or 11.5 per cent.

The original definition of this type of case included all injuries less than permanent total disability which resulted in the loss of any member of the body, or part thereof, or in the permanent impairment of any function of the body. However, in a great many cases there are losses coming within this definition which were so slight that it was found necessary to modify the application of the definition. Therefore, due consideration has been given to the nature of the case in determining whether or not there should be a modification of the application of this definition.

Table VIII will give some idea of the manner in which the severity is measured. The difference in the total number of permanent partial disabilities and the total number of specific injuries (Tables XIV and XV) is due to the modification of the definition as given above.

Temporary Total Disabilities.—The frequency order of this group of injuries occurred as printed.

TABLE IV, SEVERITY OF INJURIES, BY INDUSTRIES AND EXTENT OF DISABILITY.

This table aims to give a measure of the severity of injuries according to the actual and weighted time loss, the unit of time loss being the unit least given to fluctuating.

The weighting of the temporary total disabilities is most easily determined by using as the basis of measurement the actual number of days lost as a result of the injuries.

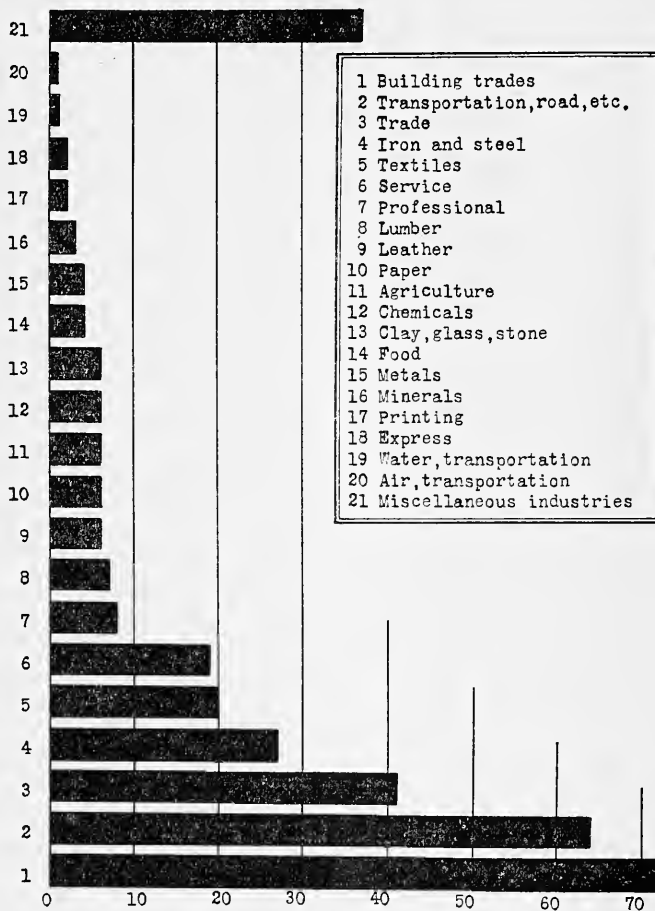
Under the plan adopted for the weighting of the other types of injuries, the following principles were used:

For each death and permanent total disability, a weight of six thousand days was employed as representing the average working life expectancy. This was determined on the accident experience in several states and some practical modifications based on committee judgment.

For each permanent partial disability, an aliquot part of six thousand days, proportionate to the degree of disability resulting from the particular bodily impairment in each case.

NUMBER OF FATAL INJURIES BY INDUSTRIES

July 1, 1929 - June 30, 1930



Department of Industrial Accidents

Severity of Total Tabulatable Injuries, by Industries and Extent of Disability.

INDUSTRIES.	Totals.	Deaths.	Per- manent Total Disabil- ities.	Per- manent Partial Disabil- ities.	Tem- porary Total Disabil- ities.
Building trades	834,585	432,000	6,000	89,250	307,335
Transportation, road	665,075	384,000	12,000	63,150	205,925
Trade	579,404	246,000	6,000	71,100	256,304
Iron and steel	487,160	162,000	—	144,300	180,860
Miscellaneous	485,758	222,000	12,000	105,450	146,308
Textiles	390,115	120,000	—	103,500	166,615
Service	239,762	114,000	—	34,950	90,812
Leather	182,508	36,000	—	51,450	95,058
Lumber	155,159	42,000	—	62,700	50,459
Paper	130,501	36,000	—	42,800	51,701
Food	121,358	24,000	—	29,700	67,658
Professional service	77,623	48,000	—	9,450	20,173
Agriculture	75,414	36,000	6,000	7,500	25,914
Clay, glass, stone	72,848	36,000	—	16,800	20,048
Chemicals	62,470	36,000	—	5,550	20,920
Metals	57,980	24,000	—	14,400	19,580
Printing, bookbinding	46,829	12,000	—	12,950	21,879
Minerals	38,008	18,000	—	12,600	7,408
Express	25,661	12,000	—	4,800	8,861
Water transportation	23,115	6,000	—	600	16,515
Telephone and telegraph	18,590	12,000	—	1,500	5,090
Clothing	16,177	—	—	600	15,577
Liquors	6,150	—	—	—	6,150
Air transportation	6,098	6,000	—	—	98
Others in transportation	5,209	—	—	600	4,609
Totals	4,803,557	2,064,000	42,000	885,700	1,811,857

Percentage Distribution of Lost Days and Average Days Per Case, by Industries.

INDUSTRIES.	Per Cent of Total.	Average Days per Case.
Building trades	17.4	104
Transportation, road, etc.	13.9	100
Trade	12.1	60
Iron and steel	10.2	71
Miscellaneous industries	10.1	95
Textiles	8.1	73
Service	5.0	72
Leather	3.8	57
Lumber	3.2	76
Paper	2.7	69
Food	2.5	46
Professional service	1.6	99
Agriculture	1.6	92
Clay, glass and stone	1.5	111
Chemicals	1.3	94
Metals	1.2	79
Printing and bookbinding	1.0	52
Minerals . . . . .	.8	140
Express . . . . .	.5	49
Water transportation . . . . .	.5	42
Telephone and telegraph . . . . .	.4	76
Clothing . . . . .	.3	30
Liquors . . . . .	.1	29
Air transportation . . . . .	.1	677
Others in transportation . . . . .	.1	38
Totals	100.0	78

A study of the above table indicates that the industry "air transportation" contained the injuries which were of the most severe character, the average days lost per case being 677. However, it should be noted that there were only 9 cases in this industry classification, one being a fatal for which a weighted time loss of 6,000 days is given.

The industry "others in transportation" showed an average time loss of 38 days per case as compared with 161 days per case in 1929. This decrease may be accounted for by the fact that there were 2 fatal cases in 1929 and none in 1930.

Distributed Severity of Injuries.

EXTENT OF DISABILITY.	Days Lost.	Per Cent.
Deaths	2,064,000	43.0
Permanent total disabilities	42,000	.9
Permanent partial disabilities	885,700	18.4
Temporary total disabilities	1,811,857	37.7
Totals	4,803,557	100.0

The above table indicates that under the weighted system used, deaths cover 43.0 per cent of the total time loss, although only 344 out of a total of 61,741 cases were fatal.

TABLE V. SEX AND AGE OF INJURED IN TOTAL TABULATABLE INJURIES.

Sex of Injured.—The following table indicates that from a total of 61,741 cases, 55,906 or 90.5 per cent occurred among males and 5,835 among females. The experience by sex, according to the extent of disability is here shown.

Extent of Injury, by Sex.

EXTENT OF INJURY.	MALES.		FEMALES.	
	Number of Cases.	Per Cent.	Number of Cases.	Per Cent.
Deaths	340	.6	4	.1
Permanent total disabilities	7	.1	—	—
Permanent partial disabilities	1,072	1.9	107	1.8
Temporary total disabilities	54,487	97.4	5,724	98.1
Totals	55,906	100.0	5,835	100.0

An analysis of the above table shows that males sustained 98.8 per cent of the fatal injuries, and that .6 per cent of the total injuries to them were fatal. The fatal injuries to women were .1 per cent of the total injuries sustained by them.

The permanent total injuries, all occurring to males, were less than one-tenth of one per cent. The percentages of the permanent partial and temporary total disabilities were of almost equal proportion.

Age.—The age experience for all years is considered by compressing the number, by year intervals, into groups sufficient for general explanation.

Distribution of Total Tabulatable Injuries, by Age Periods.

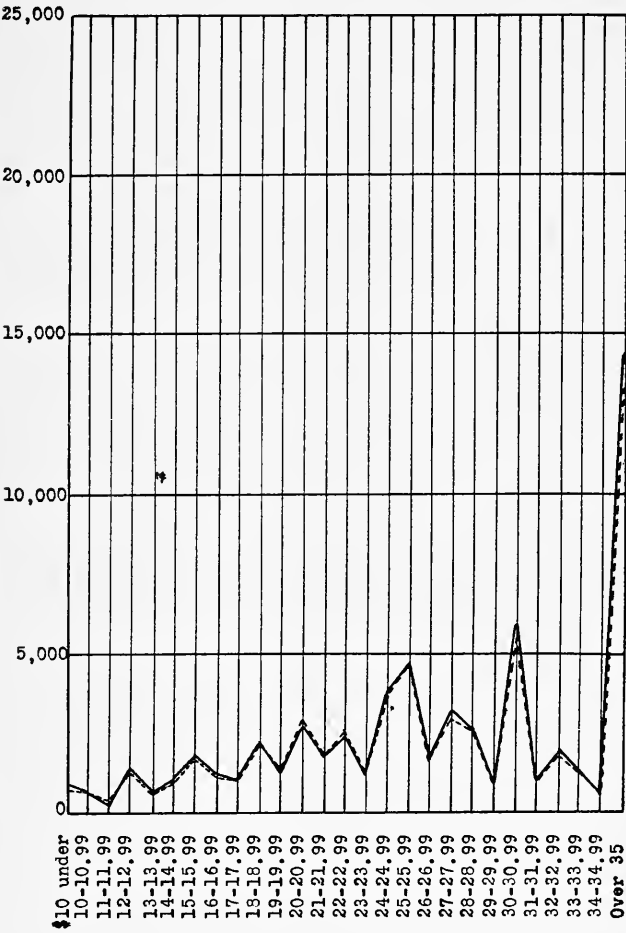
AGE PERIODS (YEARS) .	Number of Cases.	Per Cent.
14 and under	135	.2
15	363	.6
16	943	1.5
17	1,283	2.1
18	1,823	3.0
19	1,752	2.8
20 to 24, inclusive	9,841	16.0
25 to 29, inclusive	8,472	13.7
30 to 34, inclusive	7,652	12.4
35 to 39, inclusive	8,068	13.1
40 to 44, inclusive	6,238	10.1
45 to 49, inclusive	5,185	8.4
50 to 54, inclusive	3,980	6.4
55 to 59, inclusive	2,669	4.3
60 to 64, inclusive	1,828	3.0
65 and over	1,509	2.4
Totals	61,741	100.0

No comment on the above table seems necessary except to state that the ages from 14 to 20 are given for the benefit of those interested in minors.

¹ Less than one-tenth of one per cent.

NUMBER OF TOTAL TABULATABLE INJURIES BY WAGE GROUPS

Comparison of year ending
June 30, 1929 with year ending June 30, 1930



Department of Industrial Accidents

TABLE VI, TOTAL TABULATABLE INJURIES, BY INDUSTRIES AND WAGE GROUPS.

No attempt is made in the following table to give the distribution by industries, as Table VI in the Appendix contains this information.

Distribution of Tabulatable Injuries, by Wage Groups.

WAGE GROUPS	Number of Cases.	Per Cent of Total.	Cumulative Per Cent.
Under \$10.00	854	1.4	1.4
\$10.00 to \$10.99	654	1.1	2.5
\$11.00 to \$11.99	332	.5	3.0
\$12.00 to \$12.99	1,390	2.2	5.2
\$13.00 to \$13.99	578	.9	6.1
\$14.00 to \$14.99	1,015	1.6	7.7
\$15.00 to \$15.99	1,773	2.9	10.6
\$16.00 to \$16.99	1,149	1.9	12.5
\$17.00 to \$17.99	970	1.6	14.1
\$18.00 to \$18.99	2,151	3.5	17.6
\$19.00 to \$19.99	1,255	2.0	19.6
\$20.00 to \$20.99	2,756	4.5	24.1
\$21.00 to \$21.99	1,770	2.9	27.0
\$22.00 to \$22.99	2,447	4.0	31.0
\$23.00 to \$23.99	1,243	2.0	33.0
\$24.00 to \$24.99	3,790	6.1	39.1
\$25.00 to \$25.99	4,651	7.5	46.6
\$26.00 to \$26.99	1,564	2.6	49.2
\$27.00 to \$27.99	3,164	5.1	54.3
\$28.00 to \$28.99	2,549	4.1	58.4
\$29.00 to \$29.99	789	1.3	59.7
\$30.00 to \$30.99	5,884	9.5	69.2
\$31.00 to \$31.99	998	1.6	70.8
\$32.00 to \$32.99	1,912	3.1	73.9
\$33.00 to \$33.99	1,272	2.1	76.0
\$34.00 to \$34.99	557	.9	76.9
\$35.00 and over	14,274	23.1	100.0
Totals	61,741	100.0	

This year as well as last, the group "\$35.00 and over", is the largest with 14,274 cases or 23.1 per cent of the total. This is 1 per cent more than for the year ending June 30, 1929.

There was an increase, from 49.4 per cent in 1929 to 50.8 per cent in 1930, in the number of cases in which the employees received the maximum weekly compensation of \$18.00 a week.

There was also a slight increase in the number of employees receiving less than \$10.00 a week, from 1.1 per cent in 1929 to 1.4 per cent in 1930.

TABLE VII, LOCATION OF INJURY, BY NATURE OF INJURY.

Distribution of Tabulatable Injuries, by Location of Injury.

LOCATION OF INJURY.	Number of Cases.	Per Cent.
Upper extremities	25,709	41.7
Lower extremities	16,510	26.7
Trunk ^a	12,287	19.9
Head	3,822	6.2
Face and neck	1,915	3.1
Body	1,498	2.4
Totals	61,741	100.0

It will be observed that of a total of 61,741 injuries, 25,709, or 41.7 per cent affected the upper extremities. This is 388 cases, or 1.7 per cent less than in 1929. However, there was a corresponding increase in the number of injuries affecting the trunk and face and neck.

From the medical aspect in particular, and for information in general, the following table, which shows the number of tabulatable injuries, by the location and nature of injury, will prove of interest.

Distribution of Tabulatable Injuries, by Location and Nature of Injury

NATURE OF INJURY.	Head.	Face and Neck.	Trunk	Upper Extremities.	Lower Extremities.	Body.	Totals
Cuts, punctures, etc.	966	743	121	12,578	3,309	47	17,764
Sprains and strains	4	61	8,693	2,257	3,317	89	14,421
Abrasions, bruises, etc.	429	211	1,541	3,493	5,184	242	11,100
All other	1,699	204	1,170	2,632	2,008	630	8,343
Fractures	161	96	671	1,919	2,066	—	4,913
Burns and scalds	376	441	60	1,165	489	81	2,612
Occupational diseases	18	156	15	517	25	376	1,107
Amputations, etc.	95	—	—	938	52	—	1,085
Dislocations	—	3	16	210	60	—	289
Concussions	74	—	—	—	—	—	74
Electric shocks	—	—	—	—	—	33	33
Totals	3,822	1,915	12,287	25,709	16,510	1,498	61,741

TABLE VIII, LOCATION, BY NATURE OF INJURY AND EXTENT OF DISABILITY.

This table shows the tabulatable injuries, by nature of injury and duration of disability, including the percentage distribution. The location of injury is not given in this analysis.

Total Tabulatable Injuries, by Nature of Injury and Extent of Disability, Including Percentage Distribution.

NATURE OF INJURY.	Totals.	Per Cent.	Deaths.	Per-manent Total Disabilities.	Per-manent Partial Disabilities.	Tem-porary Total Disabilities.
Cuts, punctures, etc.	17,764	28.8	28	—	2	17,734
Sprains and strains	14,421	23.4	10	—	9	14,402
Abrasions, bruises	11,100	18.0	6	—	3	11,091
All other	8,343	13.5	114	—	11	8,218
Fractures	4,913	8.0	120	3	48	4,742
Burns and scalds	2,612	4.2	22	—	3	2,587
Occupational diseases	1,107	1.8	13	—	26	1,068
Amputations, loss of use	1,085	1.6	5	4	1,076	—
Dislocations	289	.5	1	—	1	287
Concussions	74	.1	3	—	—	71
Electric shocks	33	.1	22	—	—	11
Totals	61,741	100.0	344	7	1,179	60,211

TABLE IX, INFECTION, BY NATURE OF INJURY AND EXTENT OF DISABILITY.

A comparison of the statistics of infections shows that there were 64 more cases than in 1929. Experience of the Board shows that in 1930 and 1929, one out of every ten tabulatable injuries resulted in an infection, as compared with one out of every eleven in 1928. The reason for this rather strange ratio can be more or less charged to the individual.

Investigation made by the Department of Labor and Industries has indicated that in the greater majority of cases facilities for first aid treatment were available, but that the employees neglected to make use of them.

Infection, by Nature of Injury and Extent of Disability.

NATURE OF INJURY.	Totals.	Deaths.	Permanent Partial Disabilities.	Temporary Total Disabilities.
Cuts, punctures, lacerations	3,479	25	1	3,453
All other	1,324	1	2	1,321
Abrasions, bruises, contusions	907	5	—	902
Burns and scalds	158	1	—	157
Amputations, loss of use	24	—	24	—
Fractures	9	—	1	8
Sprains and strains	7	1	—	6
Dislocations	1	—	—	1
Totals	5,909	33	28	5,848

According to the above table, 5,909 cases of infections ensued from injuries. This is 9.6 per cent of the total tabulatable injuries.

DISTRIBUTION OF INJURIES
 Comparison of year ending
 June 30, 1929 with year ending June 30, 1930

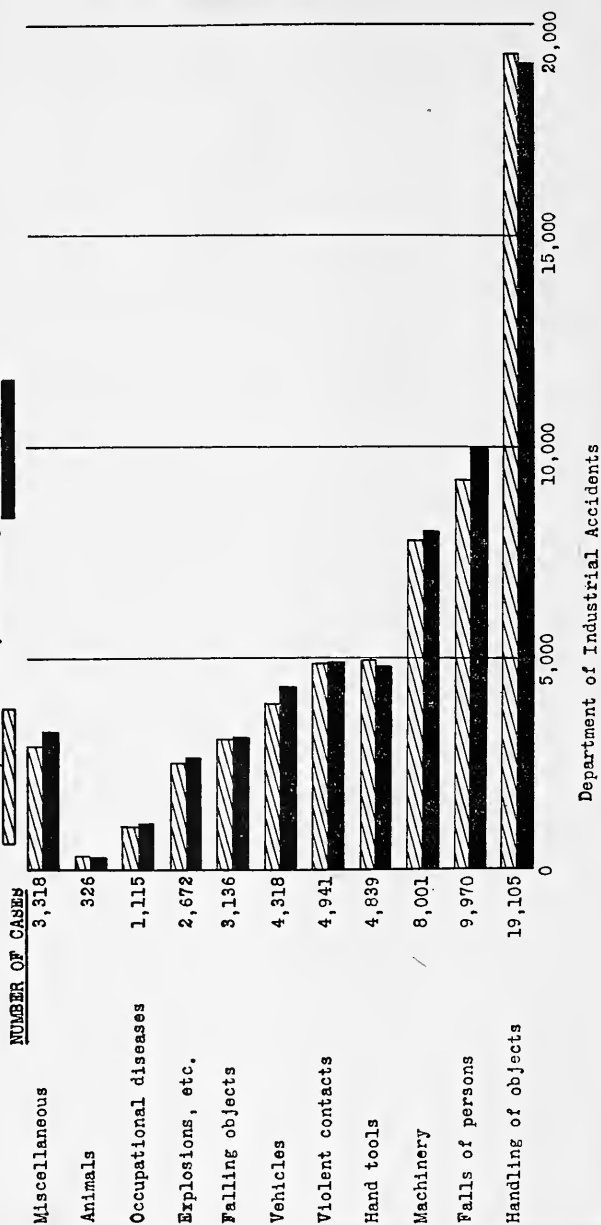


TABLE X, CAUSES OF INJURIES, BY EXTENT OF DISABILITY.

The table presents the accident experience with such detail as resources permit, showing by detailed causes the relative extent of different types of injuries due to assigned causes. The table also shows the weighted severity of injuries, based on time loss.

For each cause enumerated, the following information is given:

Number of tabulatable injuries:	Days lost due to:
Total cases	Total cases
Deaths	Deaths
Permanent total disabilities	Permanent total disabilities
Permanent partial disabilities	Permanent partial disabilities
Temporary total disabilities	Temporary total disabilities
7 days and under	7 days and under
1 to 2 weeks	1 to 2 weeks
2 to 3 weeks	2 to 3 weeks
Over 3 weeks	Over 3 weeks

Condensed information of the detailed table follows:

Total Tabulatable Injuries, by Cause of Injury and Extent of Disability.

CAUSE OF INJURY.	Totals.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	Temporary Total Disabilities.
Handling of objects	19,105	24	—	164	18,917
Falls of persons	9,970	80	2	44	9,844
Machinery	8,001	53	2	727	7,219
Stepping on or striking against objects	4,941	6	1	13	4,921
Hand tools	4,839	4	1	81	4,753
Vehicles	4,318	74	—	41	4,203
Miscellaneous causes	3,318	18	—	25	3,275
Falling objects, not handled by injured	3,136	15	—	28	3,093
Explosions, electricity, etc.	2,672	53	1	25	2,593
Occupational diseases	1,115	13	—	27	1,075
Animals	326	4	—	4	318
Totals	61,741	344	7	1,179	60,211

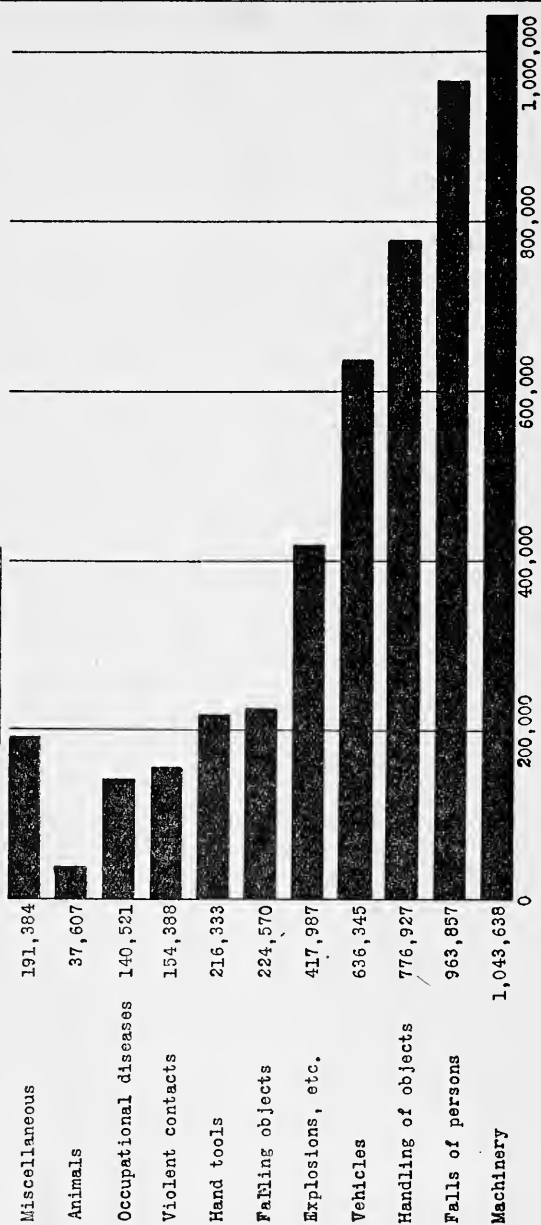
The above table, in condensed form, shows for each printed cause group the total number of injuries and the distribution by extent of the resulting disability.

The following table shows by percentage distribution the information conveyed above, and may be better used for purposes of comparison.

Distribution of Causes, by Per Cent.

CAUSE OF INJURY.	Totals.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	Temporary Total Disabilities.
Handling of objects	30.9	7.0	—	13.9	31.4
Falls of persons	16.2	23.2	28.6-	3.7	16.4
Machinery	13.0	15.4	28.6-	61.7	12.0
Stepping on or striking against objects	8.0	1.7	14.3-	1.1	8.2
Hand tools	7.8	1.2	14.3-	6.9	7.9
Vehicles	7.0	21.5	—	3.5	7.0
Miscellaneous causes	5.4	5.2	—	2.1	5.4
Falling objects, not being handled by employee	5.1	4.4	—	2.4	5.1
Explosions, electricity, etc.	4.3	15.4	14.3-	2.1	4.3
Occupational diseases	1.8	3.8	—	2.3	1.8
Animals . . . . .	.5	1.2	—	.3	.5
Totals	100.0	100.0	100.0	100.0	100.0

The cause group in which the highest number of accidents occurred was "handling of objects", with 30.9 per cent, followed by "falls of persons", with 16.2 per cent.

DURATION OF INJURIESNUMBER OF DAYS LOST

Department of Industrial Accidents

Distribution of Causes, by Resultant Days Lost.

CAUSE OF INJURY.	Totals.	Per Cent.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	Temporary Total Disabilities.
Machinery	1,043,638	21.7	318,000	12,000	490,000	223,638
Falls of persons	963,857	20.1	480,000	12,000	63,600	408,257
Handling of objects	776,927	16.2	144,000	—	87,600	545,327
Vehicles	636,345	13.2	444,000	—	43,800	148,545
Explosions, electricity	417,987	8.7	318,000	6,000	31,350	62,637
Falling objects, not being handled by employee	224,570	4.7	90,000	—	22,500	112,070
Hand tools	216,333	4.5	24,000	6,000	94,650	91,683
Miscellaneous causes	191,384	4.0	108,000	—	16,350	67,034
Stepping on or striking against objects	154,388	3.2	36,000	6,000	15,750	96,638
Occupational diseases	140,521	2.9	78,000	—	17,400	45,121
Animals	37,607	.8	24,000	—	2,700	10,967
Totals	4,803,557	100.0	2,064,000	42,000	885,700	1,811,857

As indicated above, the most serious cause of injury, as measured in terms of time lost, is machinery, with 21.7 per cent of the total. The estimated loss on this account, as shown by the above table, was 1,043,638 days.

Average Time Loss per Case, by Principal Causes.

CAUSE OF INJURY.	Average Days per Case.
Explosions, electricity, etc.	156
Vehicles	147
Machinery	130
Occupational diseases	126
Animals	115
Falls of persons	97
Falling objects, not being handled by employee	72
Miscellaneous causes	58
Hand tools	45
Handling of objects	41
Stepping on or striking against objects	31

In considering these figures the fact should be remembered that the units cover all cases, including deaths, permanent total, permanent partial, and temporary total disabilities. If more detailed analysis is desired to meet particular questions, reference should be made to the Appendix under this table heading.

TABLE XI, MACHINERY—FREQUENCY OF INJURIES, BY MANNER OF OCCURRENCE AND BY PART OF MACHINE.

The number of machine accidents, according to the cause and the percentage of the total, is given in the following table:

Machine Accidents, by Manner of Occurrence.

MANNER OF OCCURRENCE.	Number of Cases.	Per Cent of Total.
Starting, stopping, or operating machine	3,901	48.8
All other	1,990	24.9
Flying objects	658	8.2
Adjusting machine, tool, or work	589	7.4
Cleaning or oiling machine	498	6.2
Breaking of machine, tool, or work	241	3.0
Repairing machine	124	1.5
Totals	8,001	100.0

Of the 8,001 machine accidents, 3,901 or 48.8 per cent occurred while "starting, stopping, or operating machine". There were 3,490 of these cases that occurred at the "point of operation".

Machine Accidents, by Part of Machine.

POINT OF OPERATION.	PART OF MACHINE.	Number of Cases.	Per Cent of Total.
Point of operation	.	5,191	64.9
All other	.	2,204	27.4
Belts	.	286	3.6
Gears	.	218	2.8
Cranks and eccentrics	.	69	.8
Flywheels	.	18	.2
Set screws, keys, and bolts	.	14	.2
Counterweights	.	1	.1
Totals	.	8,001	100.0

TABLE XII, CONDITION OF DEPENDENTS IN UNINSURED FATAL CASES.

This table shows in detail, when the information was obtainable, the industry, occupation, age, wage, amount payable under the act in analogous cases, dependents, settlement, and financial condition of the family. Analysis of the facts in the table is not made here, but will be found in a separate chapter devoted to the subject under this heading.

TABLE XIII, CONJUGAL CONDITION AND DEPENDENCY IN CASES OF FATAL INJURIES.

The conjugal condition of employees fatally injured, the extent of dependency according to the number of persons dependent are considered in the following paragraphs:

Conjugal Condition in Fatal Cases.

CONDITION.	Number of Cases.	Per Cent.
Single	98	28.5
Married	225	65.4
Widowed	9	5.5
Divorced	2	.6
Totals	344	100.0

Of the 225 cases in which the employees were married, 223 involved total dependency and 2 partial dependency.

There were 98 cases in which the employees were single. Total dependency was involved in 13 cases, partial dependency in 56 cases, and in the remaining 29 cases there was no dependency.

In the remaining 11 cases, 9 were widowers and 2 divorced.

TABLE XIV, SPECIFIC INJURY CASES, BY AGE OF PERSONS INJURED.

This table indicates that there were 1,080 cases of specific injuries. In 110 cases or 10.2 per cent, the employees were more than 55 years of age; 5, or .5 per cent, occurred among children under 16 years of age.

The number of injuries to minors increased from 42 in 1929 to 69 in 1930.

Specified Injuries.

TYPE OF INJURY.	Number of Cases.	Per Cent of Total.
One finger or thumb	676	62.5
Two or more fingers, two or more phalanges	107	9.9
One eye	95	8.8
Right or major index finger, two phalanges	64	5.9
One toe	27	2.5
Right or major thumb, one phalange	26	2.4
Left or minor hand or arm	19	1.8
Right or major hand or arm	19	1.8
One foot or leg	14	1.3
Right or major thumb, two phalanges	8	.7
Two or more toes	7	.6
One finger or thumb on both hands	4	.4
Right or major thumb, 1 phalange and right or major index finger, two phalanges	4	.4
Right or major thumb and index finger, two phalanges	2	.2
Right or major thumb, two phalanges and one or more fingers	2	.2
Right or major thumb, one phalange and one or more fingers	2	.2
Two or more fingers or thumbs on both hands	1	.1
Both legs	1	.1
One foot or leg and two or more toes	1	.1
Major hand or arm and two toes	1	.1
Totals	1,080	100.0

¹ Less than one-tenth of one per cent.

The group "one finger or thumb", continues to be the largest numerically of all the groups classified within this table. Included within this classification are all finger injuries, except those occurring to the right or major thumb and index finger, in which there is a loss either by amputation or the equivalent loss of use, of less than two phalanges of one or more fingers. In other words, this group includes specified injuries to both one finger and left or minor thumb, and other such injuries which do not come within the higher classification, "two or more fingers, two or more phalanges".

There were 2 cases in which the employees, who had previously lost the sight in one eye, sustained injuries resulting in the loss of sight in the other; one case in which the employee's injury resulted in the loss of use of both legs; and 1 case in which the employee, who had previously had his right arm amputated, sustained an injury resulting in the amputation of his left arm.

There was a slight increase in the number of specific injuries to the eye, from 82 in 1929 to 95 in 1930. Specific injury to the eye entails the loss of the eye or a reduction of vision to twenty-seventieths of normal with glasses.

TABLE XV, SPECIFIC INJURY CASES, BY CAUSES.

There were 717 cases, or 66.4 per cent of the specific injuries, which occurred on machinery. Although this is an increase of .3 per cent as compared with 1929, the number of cases decreased from 814 to 717.

In the group, "one finger or thumb", there were 676 cases. Of these, 469 were due to machinery, and 368 or 78.5 per cent occurred at the "point of operation".

Percentage Distribution of Specific Injury Cases, by Causes.

CAUSE OF INJURY.	Number of Cases.	Per Cent of Total.
Machinery	717	66.4
Handling of objects	156	14.4
Hand tools	79	7.3
Vehicles	33	3.1
Miscellaneous causes	24	2.2
Fires, explosions, electricity, etc.	21	1.9
Falling objects, not handled by employee	20	1.9
Falls of persons	15	1.4
Stepping on or striking against objects	11	1.0
Animals	3	.3
Occupational diseases	1	.1
Totals	1,080	100.0

Distribution of Specific Injuries to Eye, by Causes.

CAUSE OF INJURY.	Number of Cases.	CAUSE OF INJURY.	Number of Cases.
Hand tools	40	Vehicles	3
Machinery	27	Stepping on or striking against objects	2
Fires, explosions, electricity, etc.	12	Occupational diseases	1
Miscellaneous causes	5		
Handling of objects	5	Total	95

DEPENDENCY IN FATAL CASES NOT INSURED UNDER THE ACT.

From July 1, 1929, to June 30, 1930, there were 35 not insured fatal cases. The dependents in these cases obtained their relief by settlement, voluntary agreement, or through legal procedure.

The information contained below was obtained by questionnaires sent to the dependents or by personal interview.

Not Insured Fatal Injuries, by Industries.

INDUSTRIES.	Number of Cases.	INDUSTRIES.	Number of Cases.
Steam railroads	14	Iron and steel	1
Manufacturers of explosives	4	Teaming	1
Trade	4	Wood workers	1
Hospitals	3	Manufacturer of coke	1
Telephone and telegraph	2		
Express	2	Total	35
Building trades	2		

The average age of the employees at the time of death was 42 years, and the average weekly wages were \$28.68.

Under the provisions of the Act, the dependents in these cases would have been paid a total of \$108,365.00. In 23 cases dependency was total, and in each of these cases \$2,000.00 to \$6,400.00 would have been due, according to the number of dependents. In the remaining 12 cases, there was no dependency. On each of the no dependency cases, \$150.00 would be due for funeral expenses and \$100.00 to the State in accordance with Chapter 152, section 65. The actual amount paid was \$20,120.00 or 18.5 per cent of that called for by the Workmen's Compensation Act.

An analysis of dependency in uninsured cases is of value in showing upon whom the burden fell.

Dependency in Uninsured Cases.

DEPENDENTS	Number of Cases.	DEPENDENTS.	Number of Cases.
Widow and 7 children	1	Widow	8
Widow and 5 children	1	Two children	1
Widow and 4 children	1	Parents	2
Widow and 3 children	1	No dependents	12
Widow and 2 children	4		
Widow and 1 child	4	Total	35

THE MEDICAL DIVISION.

The work accomplished by the Medical Division of the Board, under the supervision of its medical adviser,¹ is briefly presented in this chapter. A more detailed statement of the work and functions of this department will be found in the sixth annual report.

Insurers under the Workmen's Compensation Act paid out for medical and hospital services during the period ending June 30, 1930, the sum of \$3,233,167.55. This sum represents 32.8 per cent of the total payments of the year. During this period 123,475 injured employees were furnished either medical or hospital treatment at the expense of the insurance companies.

Many problems have grown out of the large number of cases which have required the advice and assistance of the Medical Division, including advice as to the reasonableness of the charges of physicians and hospitals in disputed cases, adequacy of the treatment provided, additional treatment beyond the first two weeks after the injury, whether the employee's incapacity for work as a result of the injury had terminated in whole or in part, and other medical questions.

Impartial physicians are appointed by the members of the Board. During the year covered by this report, 3,314 impartial examinations have been made at a total cost of \$23,306.50. In addition to this sum \$615.00 was paid out on account of services of impartial physicians at hearings upon disputed cases, and for hospital records obtained by the Board.

The medical work of the Board has been administered from the viewpoint that employees are entitled to adequate medical and hospital treatment, but that the cost of such treatment should be reasonable.

AMENDMENTS TO THE WORKMEN'S COMPENSATION ACT.

The following amendments were enacted during the 1931 session.

Chapter 152 of the General Laws is hereby amended by inserting after section 15 the following new section:

Section 15A. If one or more claims are filed for an injury and two or more insurers, any one of which may be held to be liable to pay compensation therefor, agree that the injured employee would be entitled to receive such compensation but for the existence of a controversy as to which of said insurers is liable to pay the same, such one of said insurers

¹ Francis D. Donoghue, M. D.

as they may mutually agree upon or as may be selected by a single member of the board shall pay to the injured employee the compensation aforesaid, pending a final decision of the board as to the matter in controversy, and such decision shall require that the amount of compensation so paid shall be deducted from the award if made against another insurer and be paid by said other insurer to the insurer agreed upon or selected by the single member as aforesaid. (Approved March 26, 1931; in effect June 24, 1931.)

Section 26 of chapter 152 of the General Laws, as amended by section 3 of chapter 309 of the acts of 1927 and by chapter 205 of the acts of 1930, is hereby further amended by inserting after the word "commonwealth", in the seventh line of the sentence added by said chapter 205, the following:— and any person who, while engaged in the usual course of his trade, business, profession or occupation, is ordered by an insured person, or by a person exercising superintendence on behalf of such insured person, to perform work which is not in the usual course of such trade, business, profession or occupation, and, while so performing such work, receives a personal injury,—so that said sentence will read as follows:— For the purposes of this section, any person while operating or using a motor or other vehicle, whether or not belonging to his employer, with his employer's general authorization or approval, in the performance of work in connection with the business affairs or undertakings of his employer, and whether within or without the commonwealth, and any person who, while engaged in the usual course of his trade, business, profession or occupation, is ordered by an insured person, or by a person exercising superintendence on behalf of such insured person, to perform work which is not in the usual course of such trade, business, profession or occupation, and, while so performing such work, receives a personal injury, shall be conclusively presumed to be an employee. (Approved April 6, 1931; in effect July 5, 1931.)

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STATISTICAL TABLES.

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INDUSTRIES.	Insured.	Not Insured.	Total.
Agriculture, Forestry, and Animal Husbandry.	814	6	820
Agriculture	465	1	466
Forestry	152	1	153
Animal husbandry	77	—	77
Ice harvesting	120	4	124
Extraction of Minerals.	268	4	272
Quarrying	268	4	272
Building Trades.	7,979	21	8,000
Hand trades	7,979	21	8,000
Chemical and Allied Products.	670	14	684
Fertilizers	69	—	69
Paints, varnish and japanning	78	—	78
Powder, cartridges, fireworks, etc., makers	37	11	48
Soap makers	202	—	202
Other chemical workers	284	3	287
Clay, Glass and Stone Products.	653	2	655
Brick makers	110	—	110
Potteries	9	—	9
Tile makers	55	—	55
Glass makers, workers	79	—	79
Terra Cotta	—	—	—
Lime, cement and gypsum	126	1	127
Marble and stone cutters	265	1	266
Mica, isinglass	9	—	9
Clothing.	539	1	540
Clothing makers	427	1	428
Corset makers	10	—	10
Hat makers, wool or felt	70	—	70
Shirt, collar and cuff makers	32	—	32
Food and Kindred Products.	2,612	3	2,615
Bakery, bread and other bakers products	730	—	730
Butter and cheese makers	97	—	97
Candy, confectionery	429	—	429
Fish curers and packers	338	1	339
Flour and grain mills	7	—	7
Fruit and vegetable canners	57	—	57
Slaughter and packing houses	605	1	606
Sugar makers and refiners	84	—	84
Other food preparers	265	1	266
Iron and Steel and Their Products	6,640	171	6,811
Agricultural implements	3	—	3
Automobile factories	768	6	774
Car and railroad shops	40	12	52
Foundries and metal working, tools, forging	2,810	130	2,940
Manufacture of aeroplanes	14	—	14
Ship and boat building	413	—	413
Wagons and carriages	2	—	2
Other iron and steel workers	2,590	23	2,613
Leather and Its Finished Products.	3,157	23	3,180
Harness and saddle makers and repairers	5	—	5
Leather belt, leather case, pocketbook makers	141	8	149
Shoes	1,885	5	1,890
Tanneries	1,115	10	1,125
Trunk makers	11	—	11
Liquors and Beverages.	211	—	211
Breweries	3	—	3
Distilleries	1	—	1
Other liquor and beverage workers	207	—	207
Lumber and Its Re-manufacture.	2,032	5	2,037
Boxmakers (wood)	283	—	283
Furniture	690	4	694
Pianos and organs	98	—	98
Saw and planing mills	192	1	193
Other woodworkers	772	—	772
Metals and Metal Products Other than Iron and Steel.	730	—	730
Brass mills	122	—	122
Clock factories	12	—	12
Copper factories	74	—	74
Gold and silver factories	88	—	88

TABLE I. — *Total Tabulatable Injuries, by Industries and Cases Insured and not Insured, July 1, 1929 to June 30, 1930 — Concluded.*

INDUSTRIES.	Insured.	Not Insured.	Total.
Metals and Metal Products Other than Iron and Steel—Con.			
Jewelry factories	102	—	102
Lead and zinc factories	117	—	117
Tin-plate factories	48	—	48
Watch factories	35	—	35
Copper and brass	85	—	85
Other metal workers	47	—	47
Paper	1,895	2	1,897
Box makers (paper)	320	1	321
Makers of blank books, envelopes, tags, labels, paper bags	217	1	218
Paper and pulp mills	913	—	913
Pulp mills	8	—	8
Other paper goods	437	—	437
Printing and Bookbinding	870	23	893
Printing and publishing establishments	870	23	893
Textiles	5,291	54	5,345
Carpet mills	166	—	166
Cotton mills	2,272	43	2,315
Dyeing and finishing textiles	443	6	449
Hemp and jute mills	53	—	53
Knitting mills	174	—	174
Lace and embroidery makers	2	—	2
Linen mills	25	—	25
Print works	84	—	84
Rope and cordage factories, twine	42	—	42
Sail, awning and tent makers	8	—	8
Silk mills	242	—	242
Woolen mills, worsted mills	1,349	3	1,352
Not specified textile workers	431	2	433
Miscellaneous Industries.	5,044	88	5,132
Broom and brush makers	34	—	34
Button makers	2	—	2
Charcoal and coke burners	3	5	8
Cigars	41	1	42
Electric light and power companies	462	1	463
Electrical supplies	1,483	3	1,486
Gas works	243	63	306
Oil works	484	—	484
Rubber factories	950	—	950
Straw workers	11	—	11
Turpentine distillers	—	1	1
Gas and electric companies	185	—	185
Other miscellaneous industries	1,146	14	1,160
Water Transportation	381	162	543
Water transportation	381	162	543
Transportation, Road, Etc.	5,488	1,178	6,666
Construction, roads, street, etc.	2,756	91	2,847
Livery stables	20	1	21
Truck, transfer and cab companies, garages	2,122	19	2,141
Street railways	590	39	629
Steam railroads	—	1,028	1,028
Express Companies.	181	344	525
Express companies	181	344	525
Telephone and Telegraph.	—	244	244
Telephone and telegraph	—	244	244
Aeroplane Transportation.	9	—	9
Aeroplane transportation	9	—	9
Other Persons in Transportation.	136	1	137
Other persons in transportation	136	1	137
Trade.	9,495	200	9,695
Banking and brokerage	102	—	102
Insurance	110	8	118
Real estate	349	2	351
Wholesale and retail trade	8,590	189	8,779
Elevators	38	—	38
Warehouses and cold-storage plants	213	1	214
Other persons in trade	90	—	90
Clerical assistants, industry, business or profession not specified	3	—	3
Professional Service.	707	74	781
Professional service	707	74	781
Domestic and Personal Service.	3,281	38	3,319
Occupations not in industries	2,757	36	2,793
Laundry and laundry work	524	2	526
Grand total	50,083	2,658	61,741

TABLE II. — *Insurance Transactions Under the Act, filed by Insurance Companies on Injuries Reported for the Year, July 1, 1929 to June 30, 1930.*

Number of employees receiving medical services only	89,730	
Payments made		\$960,722 52
Outstanding payments		84,773 75
		<hr/> \$1,045,496 27
Number of employees receiving compensation only	4,835	
Payments made		\$294,202 73
Outstanding payments		61,896 00
		<hr/> \$356,098 73
Number of employees requiring both medical service and compensation	33,745	
Medical payments made		\$1,649,567 54
Medical payments outstanding		486,766 99
		<hr/> \$2,136,334 53
Compensation payments made		\$3,488,654 07
Compensation payments outstanding		1,732,251 52
		<hr/> \$5,220,905 59
Number of employees requiring neither medical services nor compensation	45,739	
Total dependency fatalities	232	
Medical payments made		\$122,362 78
Outstanding compensation payments		832,765 71
		<hr/> \$955,128 49
Partial dependency fatalities	47	
Compensation payments made		\$13,572 08
Outstanding compensation payments		76,581 65
		<hr/> \$90,153 73
No dependency fatalities	24	
Compensation payments made		\$2,847 00
Outstanding compensation payments		3,082 00
		<hr/> \$5,929 00
<hr/>		
Number of fatal cases reported to insurers		303
Number of non-fatal cases reported to insurers		174,049
		<hr/> 174,352
Total number reported to insurers		174,352
Total medical paid		\$2,657,010 81
Total medical outstanding		576,156 74
		<hr/> \$3,233,167 55
Total fatal compensation paid		\$138,781 86
Total fatal compensation outstanding		912,429 36
		<hr/> \$1,051,211 22
Total non-fatal compensation paid		\$3,782,856 80
Total non-fatal compensation outstanding		1,794,147 52
		<hr/> \$5,577,004 32
Total payments made		\$6,578,649 47
Total payments outstanding		3,282,733 62
		<hr/> \$9,861,383 09

TABLE III. — Frequency of Injuries, by Industry and Extent of Disability, July 1, 1929, to June 30, 1930

INDUSTRIES.	NUMBER OF TABULATABLE INJURIES.															
	Total Deaths.	Per- manent Partial Disa- bilities.	Per- manent Disa- bilities.	TEMPORARY DISABILITIES.												
				1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 1 Year.	Total.		
Agricultural, Forestry, and Animal Husbandry.																
Agriculture	820	6	1	10	10	89	174	109	107	83	134	62	22	20	3	803
Forestry	466	4	1	7	7	49	87	66	67	48	82	34	14	7	—	454
Animal husbandry	153	1	—	2	2	20	39	22	10	13	19	10	5	10	2	150
Ice Harvesting	124	—	—	—	1	9	21	8	12	9	8	4	2	2	1	76
						11	27	13	18	13	25	14	1	1	—	123
Extraction of Minerals.																
Quarrying	272	3	—	10	10	30	72	36	38	22	30	18	6	5	2	259
	272	3	—	10	10	30	72	36	38	22	30	18	6	5	2	259
Building Trades.																
Hand trades	8,000	72	1	103	103	1,152	1,425	837	975	680	1,406	610	410	246	83	7,824
						1,152	1,425	837	975	680	1,406	610	410	246	83	7,824
Chemical and Allied Products.																
Fertilizers	684	6	—	12	12	88	163	83	88	50	113	39	22	16	4	666
Paints, varnish, japanning	69	—	—	1	1	7	16	6	6	9	15	6	1	2	—	68
Powder, cartridges, fireworks, etc., makers	78	—	—	1	1	10	17	11	9	8	8	7	6	1	—	77
Soap makers	48	4	—	—	—	5	12	8	7	1	4	4	—	—	—	44
Other chemical workers	202	—	—	8	8	31	53	17	31	12	31	8	6	4	1	194
	287	2	—	2	2	35	65	41	35	20	55	11	9	9	3	283
Clay, Glass and Stone Products.																
Brickmakers	655	6	—	24	24	88	140	82	74	62	94	43	24	15	3	625
Potteries	110	1	—	—	—	13	26	19	9	10	16	7	6	2	1	109
Tile makers	9	—	—	2	2	1	1	1	1	1	2	—	—	—	—	7
Glass makers and workers	55	—	—	—	—	9	13	6	3	9	7	5	2	1	—	55
Lime, cement and gypsum	79	—	—	—	—	15	13	9	12	8	15	3	1	2	1	79
Marble and stone cutters	127	—	—	2	2	7	26	23	15	11	22	13	3	4	1	125
Mica and isinglass	266	5	—	19	19	41	61	22	34	22	32	15	10	5	—	242
	9	—	—	1	1	1	—	2	1	1	—	—	2	1	—	8
Clothing.																
Clothing makers	540	—	—	1	1	70	92	75	85	72	89	24	23	8	1	539
Corset makers	428	—	—	1	1	52	75	57	69	57	73	20	16	7	1	427
Hat makers, wool or felt	10	—	—	—	—	2	2	2	1	1	1	—	—	1	—	10
Shirt, collar and cuff makers	70	—	—	—	—	9	9	10	10	12	12	4	4	—	—	70
	32	—	—	—	—	7	6	6	5	2	3	—	3	—	—	32
Food and Kindred Products.																
Bakeries	2,615	4	—	45	45	389	553	341	380	253	398	142	73	27	10	2,566
Butter and cheese makers	730	—	—	17	17	100	132	88	99	67	135	43	32	13	4	713
Candy and confectionery	97	—	—	1	1	22	26	11	8	10	15	1	2	1	—	96
Fish curers and packers	429	1	—	6	6	77	86	37	52	38	77	30	11	7	4	419
Flour and grain mills	339	—	—	9	9	47	73	65	66	29	39	11	3	—	—	333
Fruit and vegetable canners	57	—	—	—	—	14	11	10	6	3	6	3	1	—	1	57

Slaughter and packing houses	606	2	—	—	6	84	151	93	98	63	27	12	1	1	598
Sugar makers and refiners	84	—	—	—	—	10	20	10	11	12	3	1	3	84	—
Other food preparers	266	1	—	—	6	34	52	27	38	31	23	8	2	—	250
Iron and Steel and Their Products.	6,811	27	—	—	225	849	1,437	946	889	550	1,179	419	187	89	14
Agricultural implements	3	—	—	—	—	1	1	—	—	—	1	—	—	—	3
Automobile factories	774	5	—	—	17	81	211	109	102	64	116	44	18	6	752
Car and railroad shops	52	1	—	—	—	12	7	9	7	4	6	—	4	1	50
Foundries and metal working tools	2,940	7	—	—	91	376	561	408	392	247	543	193	73	40	2,842
Manufacture of airplanes	14	—	—	—	—	2	1	—	1	2	5	—	1	—	14
Ship and boat building	413	3	—	—	6	56	84	56	48	38	73	30	16	3	404
Wagons and carriages	2	—	—	—	—	—	—	—	—	—	1	—	1	—	2
Other iron and steel workers	2,613	11	—	—	110	321	572	362	339	194	435	152	74	39	2,402
Leather and Its Finished Products.	3,180	6	—	—	59	455	632	386	456	312	526	193	115	32	8
Harness and saddle makers and repairers	5	—	—	—	—	—	2	—	1	1	—	1	—	—	5
Leather belt, leather case and pocketbook makers	149	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Shoes	1,890	1	—	—	5	24	40	14	18	13	20	11	—	3	1,444
Tanneries	1,125	5	—	—	25	288	364	223	287	179	316	111	70	19	1,861
Trunk makers	11	—	—	—	1	142	225	148	149	116	187	70	45	10	1,095
Liquors and Beverages.	211	—	—	—	—	22	37	32	38	18	43	13	4	2	211
Breweries	3	—	—	—	—	—	—	—	—	—	—	—	—	—	3
Distilleries	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Other liquor and beverage workers	207	—	—	—	—	21	37	32	38	17	41	13	4	2	207
Lumber and Its Re-manufacture.	2,037	7	—	—	86	266	399	295	286	178	339	104	51	22	4
Box makers (wood)	280	1	—	—	10	36	60	29	35	49	16	8	6	2	269
Furniture	694	5	—	—	26	89	139	116	87	62	108	37	16	8	663
Pianos and organs	98	—	—	—	3	16	21	16	18	8	13	2	—	1	95
Saw and planing mills	193	—	—	—	7	20	43	24	25	14	40	12	6	1	186
Other wood workers	772	1	—	—	40	105	136	110	121	66	129	37	21	6	731
Metals and Metal Products Other than Iron and Steel.	730	4	—	—	30	99	164	84	79	65	124	44	26	10	1
Brass mills	122	—	—	—	3	11	24	16	14	20	21	4	7	1	696
Clock factories	12	—	—	—	1	1	6	—	1	—	1	—	—	—	119
Copper factories	74	—	—	—	2	16	20	6	8	4	10	6	1	1	72
Gold and silver factories	88	—	—	—	5	16	22	15	11	8	11	5	3	—	83
Jewelry factories	102	—	—	—	7	14	20	15	11	7	19	1	6	2	95
Lead and zinc factories	117	1	—	—	3	17	24	12	13	7	22	9	5	4	113
Tin plate factories	48	—	—	—	5	8	7	4	3	—	13	4	1	1	42
Watch factories	35	—	—	—	1	7	8	4	5	5	3	1	1	—	34
Copper and brass factories	85	2	—	—	2	8	23	7	10	8	16	8	1	—	81
Other metal workers	47	—	—	—	1	9	10	3	3	5	8	6	1	1	46
Paper.	1,897	6	—	—	52	222	397	253	272	177	327	114	46	22	9
Box makers	321	—	—	—	13	43	72	30	51	31	51	14	13	2	1
Makers of blank books, envelopes, tags and labels, bags	218	—	—	—	10	21	56	28	32	10	37	16	4	3	208

TABLE III — Frequency of Injuries, by Industry and Extent of Disability, etc. — Concluded.

INDUSTRIES.	NUMBER OF TABULATABLE INJURIES.													
	Total. Deaths.	Per- manent Disa- bilities.	Per- manent Partial Disa- bilities.	TEMPORARY DISABILITIES.										
				1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 1 Year.	Total.
Paper—Con.														
Paper and pulp mills	913	3	17	98	192	138	130	93	160	53	16	10	3	893
Pulp mills	8	—	12	—	—	—	—	1	1	2	2	—	1	8
Other paper goods	437	3	—	60	77	56	59	42	78	29	11	7	3	422
Printing and Bookbinding.														
Printing and publishing establishments	893	2	22	139	193	112	114	84	141	58	19	7	2	869
	893	2	22	139	193	112	114	84	141	58	19	7	2	869
Textiles.														
Carpet mills	5,345	20	149	568	1,141	707	666	475	870	419	210	95	25	5,176
Cotton mills	166	—	4	19	37	20	19	15	34	13	1	4	—	162
Dyeing and finishing textiles	2,315	11	60	239	502	281	282	200	366	197	119	46	12	2,244
Hemp and jute mills	449	3	9	55	97	48	54	44	84	32	13	7	3	437
Knitting mills	53	—	5	2	10	2	11	3	9	9	1	1	—	48
Lace and embroidery makers	174	—	2	29	43	29	22	17	19	4	5	4	—	172
Linen mills	2	—	—	—	—	—	—	—	—	—	—	—	—	2
Print works	25	—	1	2	9	4	4	2	1	2	—	—	—	24
Rope and cordage factories, twine	84	1	7	3	7	12	10	10	19	10	5	1	—	76
Sail, awning and tent makers	42	—	2	3	12	6	3	2	7	4	2	—	1	40
Silk mills	8	—	—	—	—	—	1	1	3	1	2	—	—	8
Woolen and worsted mills	242	—	3	22	51	35	34	35	36	18	6	2	—	239
Not specified textile workers	1,352	4	42	133	299	212	168	114	215	97	41	22	5	1,306
	433	1	14	62	73	57	58	33	76	32	15	8	4	418
Miscellaneous Industries.														
Broom and brush makers	5,132	37	136	722	1,076	710	650	401	828	295	158	95	22	4,957
Button makers	34	—	1	4	8	6	3	3	4	4	—	1	—	33
Charcoal and coke burners	2	—	—	—	—	—	1	1	—	—	—	—	—	2
Cigars	8	—	—	—	—	3	3	2	—	2	1	—	—	8
Electric light and power companies	42	1	1	10	10	67	48	30	69	25	12	4	3	448
Electrical supplies	463	7	7	88	102	67	194	128	271	79	44	28	6	1,421
Gas works	1,486	8	57	174	293	204	194	32	29	15	10	5	1	1,304
Oil works	306	1	1	53	69	57	63	30	74	23	19	10	5	477
Rubber factories	481	6	1	68	121	64	135	70	157	63	34	26	4	916
Straw workers	930	4	29	122	184	121	2	1	3	1	—	—	—	11
Gas and electric companies	11	—	1	27	37	27	27	11	37	10	4	—	—	180
Turpentine distillers	185	4	—	—	—	—	—	—	—	—	—	—	—	1
Other miscellaneous industries and occupations	1	—	38	176	249	157	140	93	174	71	32	21	3	1,116
Water Transportation.														
Water transportation	543	1	2	54	127	69	80	49	102	25	19	13	2	540
	543	1	2	54	127	69	80	49	102	25	19	13	2	540

TABLE IV. — *Severity of Injuries, by Industry and Extent of Disability, July 1, 1929, to June 30, 1930*

INDUSTRIES.	NUMBER OF DAYS LOST.															
	Total.	Deaths.	Per- manent Total Disa- bilities.	Per- manent Partial Disa- bilities.	TEMPORARY DISABILITIES.											
					1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 1 Year.	Total.	
Agriculture, Forestry and Ani- mal Husbandry.																
Agriculture	75,414	36,000	6,000	7,500	232	1,017	1,303	1,977	2,118	5,225	4,493	2,880	5,419	1,250	25,914	
Forestry	47,875	24,000	6,000	4,650	123	511	765	1,232	1,223	3,180	2,425	1,896	1,870	—	13,225	
Animal husbandry	15,055	6,000	—	2,100	55	229	271	181	334	793	691	664	2,887	850	6,955	
Ice harvesting	8,331	6,000	—	—	23	118	96	223	230	281	283	225	452	400	2,331	
	4,153	—	—	750	31	159	171	341	331	971	1,094	95	210	—	3,403	
Extraction of Minerals.																
Quarrying	38,008	18,000	—	12,600	77	392	424	710	552	1,183	1,358	843	1,044	825	7,408	
	38,008	18,000	—	12,600	77	392	424	710	552	1,183	1,358	843	1,044	825	7,408	
Building Trades.																
Hand trades	834,585	432,000	6,000	89,250	2,968	8,202	9,654	17,851	17,213	54,822	44,208	52,637	63,329	36,451	307,335	
	834,585	432,000	6,000	89,250	2,968	8,202	9,654	17,851	17,213	54,822	44,208	52,637	63,329	36,451	307,335	
Chemical and Allied Products.																
Fertilizers	62,470	36,000	—	5,550	231	933	1,011	1,611	1,271	4,583	2,838	2,750	3,792	1,900	20,920	
Paints, varnish, japanning	2,477	—	—	300	18	85	65	116	230	614	469	140	440	—	2,177	
Powder, cartridges, fireworks, etc., makers	2,049	—	—	300	26	96	137	108	200	313	495	714	200	—	2,349	
Soap makers	25,007	24,000	—	—	14	73	96	125	26	178	495	—	—	—	1,007	
Other chemical workers	9,962	—	—	4,350	84	317	215	562	312	1,217	572	785	948	600	5,612	
	22,375	12,000	—	600	89	362	498	640	503	2,261	807	1,111	2,204	1,300	9,775	
Clay, Glass and Stone Products.																
Brickmakers	72,848	36,000	—	16,800	225	791	952	1,340	1,563	3,666	3,118	2,899	4,087	1,407	20,048	
Potteries	9,770	6,000	—	—	34	130	210	161	256	620	504	863	572	400	3,770	
Tile makers	1,710	—	—	600	4	5	11	57	26	64	—	—	—	—	110	
Glass makers and workers	1,604	—	—	—	22	83	81	217	210	279	366	201	285	—	1,604	
Lime, cement, and gypsum	2,764	—	—	—	42	66	100	217	210	650	207	140	600	532	2,764	
Marble and stone cutters	6,126	—	—	1,500	19	145	269	269	266	837	910	314	4,626	475	4,626	
Mica and isinglass	51,118	30,000	—	14,400	102	342	259	618	551	1,216	1,131	1,191	1,308	—	6,718	
	756	—	—	300	2	—	22	18	24	—	—	190	200	—	456	
Clothing.																
Clothing makers	16,177	—	—	600	186	528	898	1,578	1,826	3,345	1,698	2,985	2,033	500	15,577	
Corset makers	13,099	—	—	600	139	433	684	1,277	1,453	2,747	1,393	2,045	1,828	500	12,499	
Hat makers, wool or felt	317	—	—	—	5	11	20	18	27	31	—	—	205	—	317	
Shirt, collar and cuff makers	1,973	—	—	—	24	46	124	182	297	449	305	546	—	—	1,973	
	788	—	—	—	18	38	70	101	49	118	—	394	—	—	788	
Food and Kindred Products.																
Bakeries	121,358	24,000	—	29,700	1,013	3,134	3,976	6,952	6,342	15,691	10,173	9,140	6,636	4,601	67,658	
Butter and cheese makers	82,942	—	—	9,750	250	745	1,022	1,785	1,659	5,229	3,116	4,084	3,276	2,026	23,192	
Candy and confectionery	2,067	—	—	300	57	154	112	142	252	569	71	210	200	—	1,767	
Fish cures and packers	25,635	6,000	—	6,600	206	507	432	955	977	3,101	2,125	1,220	1,762	1,750	13,085	
Flour and grain mills	11,021	—	—	4,950	127	414	761	1,219	744	1,588	880	388	—	—	6,071	
Fruit and vegetable canners	1,226	—	—	—	3	11	—	36	—	—	61	115	—	—	226	
	1,649	—	—	—	36	62	111	104	74	238	280	419	—	375	1,649	

Slaughter and packing houses	28,085	12,000	—	3,900	222	842	1,106	1,797	1,548	2,619	1,906	1,485	210	450	12,185
Sugar makers and refiners	2,445	—	—	—	26	109	123	209	302	560	188	133	795	—	2,445
Other food preparers	17,288	6,000	—	4,200	86	290	309	705	786	1,787	1,646	1,086	393	—	7,088
Iron and Steel and Their Products.	487,160	162,000	—	144,390	2,194	8,243	11,019	16,145	13,859	46,168	29,983	23,689	23,041	6,519	180,860
Agricultural implements	56	—	—	—	3	4	—	—	—	49	—	—	—	—	56
Automobile factories	58,416	30,000	—	10,050	207	1,282	1,281	1,884	1,635	4,617	3,043	2,368	1,599	450	18,366
Car and railroad shops	7,720	6,000	—	300	29	36	109	134	104	214	—	564	230	—	1,420
Foundries and metal working tools	188,278	42,000	—	64,950	971	3,182	4,785	7,130	6,189	21,219	13,863	9,384	10,161	4,444	81,328
Manufacture of airplanes	463	—	—	—	6	5	22	21	51	201	—	157	—	—	463
Ship and boat building	34,888	18,000	—	6,300	147	460	648	860	960	2,698	2,096	1,882	837	—	10,588
Wagons and carriages	177	—	—	—	—	—	—	—	26	—	—	151	—	—	177
Other iron and steel workers	197,162	66,000	—	62,700	831	3,274	4,174	6,116	4,894	17,170	10,981	9,183	10,214	1,625	68,462
Leather and Its Finished Products.	182,508	36,000	—	51,450	1,188	3,670	4,552	8,257	7,920	20,485	13,906	14,581	8,108	12,391	95,058
Harness and saddle makers and repairers	126	—	—	—	—	10	—	19	28	—	69	—	—	—	126
Leather belt, leather case and pocket-book makers	5,991	—	—	2,100	61	229	171	325	330	741	764	—	—	—	3,891
Shoes	83,957	6,000	—	18,000	753	2,129	2,620	5,194	4,560	12,505	7,976	9,011	4,468	10,741	59,937
Tanneries	91,595	30,000	—	30,750	372	1,295	1,749	2,698	2,923	7,121	5,097	5,570	2,745	1,275	30,845
Trunk makers	839	—	—	600	2	7	12	21	79	118	—	—	—	—	239
Liquors and Beverages.	6,150	—	—	—	60	215	364	689	449	1,729	931	472	419	822	6,150
Breweries	102	—	—	—	—	—	—	—	26	76	—	—	—	—	102
Distilleries	2	—	—	—	2	—	—	—	—	—	—	—	—	—	2
Other liquor and beverage workers	6,046	—	—	—	58	215	364	689	423	1,653	931	472	419	822	6,046
Lumber and Its Re-manufacture.	155,159	42,000	—	62,700	692	2,267	3,432	5,232	4,503	13,265	7,433	6,440	5,545	1,650	50,459
Box makers (wood)	20,613	6,000	—	6,150	85	340	330	624	701	1,876	1,173	1,082	1,342	900	8,463
Furniture	67,307	30,000	—	20,250	239	799	1,368	1,612	1,585	4,226	2,633	1,992	2,198	375	17,057
Pianos and organs	2,667	—	—	900	36	112	185	319	203	539	153	—	220	—	1,767
Saw and planing mills	8,281	—	—	3,150	53	242	268	440	356	1,524	863	793	217	375	5,131
Other wood workers	56,291	6,000	—	32,250	269	774	1,281	2,237	1,658	5,070	2,611	2,573	1,568	—	18,041
Metals and Metal Products Other than Iron and Steel.	57,980	24,000	—	14,400	248	955	982	1,444	1,640	4,845	3,155	3,305	2,629	377	19,580
Brass mills	4,854	—	—	900	28	141	206	266	513	836	287	950	350	377	3,954
Clock factories	403	—	—	300	3	35	19	16	30	—	—	—	—	—	103
Copper factories	2,968	—	—	1,200	42	115	71	140	105	374	446	125	350	—	1,768
Gold and silver factories	3,439	—	—	1,500	20	121	176	196	207	423	386	410	—	—	1,939
Jewelry factories	4,822	—	—	2,100	37	120	165	196	175	782	63	727	457	—	2,722
Lead and zinc factories	10,684	6,000	—	900	42	153	137	240	169	866	627	563	987	—	3,784
Tin plate factories	10,185	6,000	—	2,850	20	40	45	57	25	486	285	110	267	—	1,335
Watch factories	1,418	—	—	750	17	46	43	100	125	113	79	145	—	—	668
Copper and brass factories	16,020	12,000	—	2,100	19	132	86	175	201	651	546	110	—	—	1,920
Other metal workers	3,187	—	—	1,800	20	52	34	58	120	284	436	165	218	—	1,387
Paper.	130,501	36,000	—	42,800	563	2,242	2,946	4,937	4,456	12,704	8,160	5,865	5,693	4,135	51,701
Box makers	18,511	—	—	10,500	113	419	344	929	786	1,975	1,035	1,556	479	375	8,011
Makers of blankbooks, envelopes, tags and labels, bags	10,968	—	—	11,150	54	311	337	581	246	1,479	1,171	552	697	390	5,818

TABLE IV. — *Severity of Injuries, by Industry and Extent of Disability, etc. — Concluded.*

INDUSTRIES.	NUMBER OF DAYS LOST.																	
	Total.	Deaths.	Per- manent Total Disa- bilities.	TEMPORARY DISABILITIES.														
				1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 1 Year.	Total.				
Paper — Con.																		
Paper and pulp mills	53,519	18,000	—	243	1,067	1,583	2,348	2,335	6,134	3,806	2,090	2,413	1,500	23,519				
Pulp mills	877	—	—	—	—	13	28	28	42	156	238	—	400	877				
Other paper goods	40,626	18,000	—	153	445	669	1,079	1,061	3,074	1,992	1,429	2,104	1,470	13,476				
Printing and Bookbinding.	46,829	12,000	—	348	1,122	1,285	2,052	2,080	5,648	4,136	2,392	1,884	932	21,879				
Printing and publishing establishment	46,829	12,000	—	348	1,122	1,285	2,052	2,080	5,648	4,136	2,392	1,884	932	21,879				
Textiles.	390,115	120,000	—	1,445	6,449	8,253	12,186	12,048	34,733	30,060	26,311	24,414	10,716	166,615				
Carpet mills	6,428	—	—	49	210	220	348	380	1,352	968	95	1,006	—	4,628				
Cotton mills	182,402	66,000	—	602	2,850	3,294	5,069	5,069	14,669	14,244	15,004	11,719	5,053	77,702				
Dyeing and finishing textiles	43,374	18,000	—	135	535	565	985	1,095	3,327	2,362	1,687	1,983	1,300	13,974				
Hemp and jute mills	3,475	—	—	4	57	24	209	84	327	590	180	200	—	1,675				
Knitting mills	6,152	—	—	74	246	324	408	432	714	281	632	941	—	4,052				
Lace and embroidery makers	62	—	—	—	7	—	—	—	55	—	—	—	—	62				
Linen mills	716	—	—	5	55	44	72	55	50	135	—	—	—	416				
Print works	16,164	6,000	—	4	40	155	189	251	809	773	618	275	—	3,114				
Rope and cordage factories, twine	2,074	—	—	7	68	75	56	45	278	309	236	—	400	1,474				
Sail, awning and tent makers	491	—	—	—	—	12	19	—	95	61	304	—	—	491				
Silk mills	8,610	—	—	52	289	399	630	874	1,443	1,259	684	580	—	6,210				
Woolen and worsted mills	89,814	24,000	—	348	1,680	2,489	3,051	2,918	8,613	6,737	5,050	5,628	2,150	38,664				
Not specified textile workers	30,353	6,000	—	165	412	652	1,021	845	3,001	2,341	1,821	2,082	1,813	14,153				
Miscellaneous Industries.	485,758	222,000	12,000	1,855	6,052	8,191	11,793	10,023	32,713	21,261	19,374	24,953	10,093	146,308				
Broom and brush makers	1,314	—	—	11	56	66	62	71	162	278	—	308	—	1,014				
Button makers	47	—	—	—	—	—	19	28	—	—	—	—	—	47				
Charcoal coke burners	322	—	—	—	—	38	93	74	253	137	98	—	—	322				
Cigars	7,066	6,000	—	28	51	35	93	74	253	135	97	—	—	766				
Electric light and power companies	64,657	42,000	6,000	232	568	765	855	750	2,847	1,766	1,451	973	1,350	11,557				
Electrical supplies	127,377	48,000	—	447	1,683	2,360	3,554	3,203	10,854	5,665	5,518	7,260	2,533	43,077				
Gas works	14,428	6,000	—	130	390	664	578	732	1,253	1,092	1,090	1,399	500	7,828				
Oil works	52,103	36,000	—	178	684	697	1,126	762	2,837	1,704	2,433	2,740	2,622	15,803				
Rubber factories	93,738	24,000	6,000	312	1,019	1,389	2,468	1,739	6,184	4,537	4,196	6,691	1,753	30,288				
Straw workers	312	—	—	—	17	14	37	26	142	76	—	—	—	312				
Gas and electric companies	29,734	24,000	—	71	212	315	480	275	1,412	704	465	—	—	3,934				
Turpentine distillers	93	—	—	—	—	—	—	—	—	—	93	—	—	93				
Other miscellaneous industries and occupations	94,567	36,000	—	446	1,372	1,848	2,521	2,314	6,749	5,167	3,933	5,582	1,335	31,267				
Water Transportation.	23,115	6,000	—	142	745	847	1,473	1,265	3,729	1,783	2,456	3,300	775	16,515				
Water transportation	23,115	6,000	—	142	745	847	1,473	1,265	3,729	1,783	2,456	3,300	775	16,515				

TABLE V. — Sex and Age of Injured in Total Tabulatable Injuries, July 1, 1929, to June 30, 1930.

ACTUAL AGE.	Total.	TOTAL MALES.				TOTAL FEMALES.					
		Total.	Deaths.	Per- manent Total Disa- bilities.	Per- manent Partial Disa- bilities.	Tem- porary Total Disa- bilities.	Total.	Deaths.	Per- manent Total Disa- bilities.	Per- manent Partial Disa- bilities.	Tem- porary Total Disa- bilities.
11	1	1	—	—	—	1	—	—	—	—	—
12	6	6	—	—	—	6	—	—	—	—	—
13	6	6	—	—	—	6	—	—	—	—	—
14	122	106	—	—	—	103	16	—	—	—	16
15	363	294	1	—	—	291	69	—	—	1	68
16	943	730	4	—	—	708	213	—	—	6	207
17	1,283	1,008	—	—	—	979	275	—	—	11	264
18	1,494	1,469	1	—	—	1,465	329	—	—	9	320
19	1,752	1,469	3	—	—	1,447	283	—	—	9	274
20	1,711	1,467	4	—	—	1,443	244	—	—	5	239
21	2,252	1,988	10	—	—	1,945	264	—	—	4	260
22	2,104	1,857	3	—	—	1,832	247	—	—	6	241
23	1,858	1,666	9	—	—	1,633	192	—	—	4	188
24	1,916	1,712	6	—	—	1,682	204	—	—	4	200
25	2,103	1,861	17	—	—	1,816	242	—	—	4	238
26	1,665	1,509	6	—	—	1,481	156	—	—	3	153
27	1,477	1,358	12	1	—	1,317	119	—	—	4	115
28	1,747	1,609	7	—	—	1,583	138	—	—	2	136
29	1,480	1,366	6	—	—	1,337	114	—	—	1	113
30	2,267	2,082	7	1	—	2,041	185	—	—	2	183
31	1,131	1,027	3	—	—	999	104	—	—	1	103
32	1,658	1,522	7	—	—	1,487	136	—	—	3	133
33	1,283	1,180	3	—	—	1,150	103	—	—	2	101
34	1,313	1,194	5	—	—	1,169	119	—	—	2	117
35	2,466	2,260	8	—	—	2,206	206	—	—	1	205
36	1,404	1,317	6	—	—	1,371	113	—	—	1	113
37	1,521	1,426	8	—	—	1,399	95	—	—	3	92
38	1,608	1,485	11	—	—	1,439	123	—	—	—	123
39	1,921	1,772	3	1	—	1,741	84	—	—	3	80
40	2,178	2,002	11	—	—	1,960	176	1	—	3	173
41	923	852	11	—	—	819	71	—	—	1	70
42	1,329	1,226	3	—	—	1,203	103	—	—	1	102
43	854	854	8	—	—	831	88	—	—	1	87
44	866	806	2	—	—	786	60	—	—	—	60
45	1,693	1,534	14	—	—	1,491	159	—	—	2	157
46	868	809	2	—	—	796	59	—	—	1	58
47	832	767	6	—	—	743	65	—	—	1	64
48	1,001	933	8	—	—	912	68	1	—	—	67

49	.	.	.	.	.	791	741	3	13	725	50	-	50
50	.	.	.	.	.	1,410	1,279	12	19	1,248	131	2	129
51	.	.	.	.	.	556	527	5	12	510	29	-	29
52	.	.	.	.	.	794	761	3	17	741	33	1	32
53	.	.	.	.	.	575	536	2	16	518	39	1	38
54	.	.	.	.	.	645	608	6	18	584	37	-	37
55	.	.	.	.	.	840	789	13	22	754	51	-	51
56	.	.	.	.	.	499	469	4	9	456	30	-	30
57	.	.	.	.	.	456	430	6	10	414	26	-	25
58	.	.	.	.	.	486	459	4	15	440	27	-	27
59	.	.	.	.	.	388	373	8	10	355	15	-	15
60	.	.	.	.	.	683	633	15	14	603	50	1	49
61	.	.	.	.	.	237	229	1	7	221	8	-	8
62	.	.	.	.	.	331	317	4	8	305	14	1	13
63	.	.	.	.	.	293	284	2	10	272	9	-	9
64	.	.	.	.	.	284	275	2	7	266	19	-	19
65	.	.	.	.	.	362	343	12	14	317	7	-	7
66	.	.	.	.	.	179	172	1	8	163	5	1	4
67	.	.	.	.	.	175	170	3	6	161	5	-	5
68	.	.	.	.	.	163	158	2	7	149	2	-	2
69	.	.	.	.	.	143	141	4	6	130	2	-	2
70	.	.	.	.	.	159	151	3	5	143	8	-	8
71	.	.	.	.	.	48	48	2	2	43	-	-	-
72	.	.	.	.	.	64	62	1	3	58	2	1	1
73	.	.	.	.	.	57	57	3	3	52	-	-	-
74	.	.	.	.	.	38	36	1	4	32	2	-	2
75	.	.	.	.	.	44	40	1	-	38	4	-	4
76	.	.	.	.	.	14	14	-	-	14	-	-	-
77	.	.	.	.	.	15	14	1	-	13	-	-	-
78	.	.	.	.	.	12	12	-	1	11	1	-	1
79	.	.	.	.	.	12	12	-	1	11	-	-	-
80	.	.	.	.	.	8	8	1	1	7	-	-	-
Over 80	.	.	.	.	.	16	16	1	-	15	-	-	-
Grand Total						61,741	55,906	340	7	1,072	54,487	4	5,835	107	5,724

TABLE VI. — *Total Tabulatable Injuries, by Industries and Wage Groups, July 1, 1929, to June 30, 1930.*

INDUSTRIES.	NUMBER OF TABULATABLE INJURIES.														
	Under \$10	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$17	\$18	\$19	\$20	\$21	\$22	
Agriculture, Forestry and Animal Husbandry.															
Agriculture	8	4	—	9	5	4	28	4	8	40	11	35	71	31	
Forestry	4	2	—	8	5	2	26	4	8	35	8	22	45	22	
Animal husbandry	1	1	—	—	—	—	1	—	—	2	2	2	20	5	
Ice harvesting	3	1	—	1	—	2	1	—	—	1	1	9	2	2	
Ice harvesting	3	1	—	—	—	—	—	—	—	2	—	2	4	2	
Extraction of Minerals.															
Quarrying	—	—	—	3	1	—	1	—	1	1	1	4	2	4	
Quarrying	—	—	—	3	1	—	1	—	1	1	1	4	2	4	
Building Trades.															
Hand trades	18	17	6	29	3	13	48	21	18	62	30	88	47	243	
Hand trades	18	17	6	29	3	13	48	21	18	62	30	88	47	243	
Chemical and Allied Products.															
Fertilizers	3	5	—	13	6	7	8	17	4	41	20	45	64	48	
Paints, varnish and japanning	—	—	—	—	—	—	—	4	—	16	6	1	2	10	
Powder, cartridges, fireworks, etc., makers	—	—	—	1	1	—	1	2	—	6	4	14	2	5	
Soap makers	3	—	—	1	—	—	—	—	—	4	—	9	5	4	
Other chemical workers	—	—	—	2	—	2	5	3	—	4	1	7	49	2	
Other chemical workers	—	5	—	9	5	5	2	8	4	11	9	14	6	27	
Clay, Glass and Stone Products.															
Brick makers	3	3	2	3	—	4	9	1	4	10	2	17	24	20	
Potteries	1	—	—	—	—	—	1	—	—	2	—	1	1	—	
Tile makers	—	—	—	—	—	—	—	—	—	2	—	1	1	—	
Glass makers	—	—	—	—	—	—	—	—	—	—	—	—	15	—	
Lime, cement and gypsum	—	2	1	1	—	1	3	1	1	2	1	7	2	5	
Marble and stone cutters	—	—	—	—	—	—	—	—	—	1	—	1	2	6	
Mica and isinglass	2	1	1	1	—	1	2	—	—	3	1	6	2	6	
Mica and isinglass	—	—	—	1	—	2	2	—	—	—	—	—	1	—	
Clothing.															
Clothing makers	37	23	12	33	14	14	38	21	25	32	6	38	7	19	
Corset makers	30	15	8	29	10	10	33	14	21	28	4	28	5	16	
Hat makers, wool or felt	1	1	1	1	1	1	1	2	1	—	1	1	—	—	
Shirt, collar and cuff makers	6	3	2	3	3	2	2	4	1	3	1	8	2	3	
Food and Kindred Products.															
Bakeries, bread and other bakery products	23	19	13	85	68	48	80	33	47	139	38	133	122	132	
Butter and cheese makers	6	4	1	15	12	15	20	8	16	39	8	38	7	43	
Candy and confectionery	1	—	—	1	1	1	1	—	2	4	—	1	2	2	
Fish curers and packers	13	6	6	36	32	9	27	15	14	32	16	22	14	20	
Flour and grain mills	3	3	2	21	7	9	6	2	6	29	2	19	6	11	
Flour and grain mills	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Fruit and vegetable canners	—	—	—	3	3	4	4	3	1	3	2	5	3	1	

Slaughter and packing houses	1	2	4	7	8	3	4	13	3	26	78	41
Sugar makers and refiners	—	1	—	—	—	—	—	6	4	4	4	11
Other food preparers	1	4	9	3	14	2	—	13	3	11	13	10
Iron and Steel and Their Products.												
Agricultural implements	27	17	114	30	70	69	74	156	124	285	379	379
Automobile factories	—	—	—	—	—	—	—	—	—	—	1	—
Car and railroad shops	—	—	7	1	5	7	5	9	2	18	5	14
Foundries and metal working, tools	—	—	—	—	—	—	—	3	1	3	2	1
Manufacture of airplanes	8	1	47	7	24	29	31	60	62	133	126	172
Ship and boat building	—	—	—	—	—	—	—	3	3	—	1	—
Wagons and carriages	—	1	2	—	2	—	2	3	5	9	12	15
Other iron and steel workers	18	17	58	22	38	54	36	78	51	122	82	176
Leather and Its Finished Products.												
Harness and saddle makers and repairers	100	78	31	127	30	97	165	56	34	193	67	134
Leather belt, leather case, pocket-book makers	—	—	—	—	5	7	12	3	—	2	—	—
Shoes	4	4	3	7	—	—	—	6	—	6	2	9
Tanneries	90	72	22	100	22	72	116	37	17	127	29	59
Trunk makers	6	2	6	19	2	17	37	15	38	58	36	66
Think makers	—	—	—	1	1	—	—	1	—	—	—	—
Liquor and Beverages.												
Breweries	1	1	2	5	1	1	10	4	—	17	1	5
Distilleries	—	—	—	—	—	—	—	—	—	—	—	—
Other liquor and beverage workers	1	1	—	5	—	1	10	—	1	10	—	5
Lumber and Its Re-manufacture.												
Box makers (wood)	32	25	14	64	16	43	99	57	63	138	75	143
Furniture	2	2	1	8	1	8	11	11	8	21	19	26
Pianos and organs	16	10	4	21	7	22	30	20	22	42	26	50
Saw and planing mills	—	—	4	7	3	2	4	3	2	4	5	4
Other wood workers	2	1	1	2	5	11	12	3	4	9	8	6
Metal and Metal Products Other than Iron and Steel.												
Brass mills	9	5	2	29	8	20	21	26	32	54	38	40
Clock factories	1	—	—	1	1	2	5	3	5	7	5	12
Copper factories	—	—	—	2	—	—	—	—	1	—	1	—
Gold and silver factories	—	2	—	1	2	1	1	—	—	5	—	4
Jewelry factories	—	—	2	3	—	1	1	3	1	7	2	5
Lead and zinc factories	—	—	9	4	4	5	5	5	5	10	2	8
Tin plate factories	4	—	—	2	2	4	3	5	2	4	3	3
Watch factories	1	1	—	1	1	2	1	2	1	4	8	1
Copper and brass	—	—	—	7	—	—	1	2	9	1	2	—
Other metal workers	1	2	—	1	—	3	2	1	8	14	14	5
Paper.												
Box makers (paper)	20	17	15	53	27	35	54	61	48	115	82	110
Makers of blank books, envelopes, tags and labels, paper bags	10	11	9	19	14	11	18	17	19	23	13	14
Paper and pulp mills	5	2	4	10	3	15	12	9	5	22	14	11
Pulp mills	3	1	1	6	2	4	10	17	16	43	46	55
Other paper goods	—	—	—	—	—	—	—	—	—	—	—	—
Other paper goods	2	3	1	18	8	5	14	18	8	27	9	30

TABLE VI. — Total Tabulatable Injuries, by Industries and Wage Groups, etc. — Continued.

NUMBER OF TABULATABLE INJURIES.

INDUSTRIES.																											
Under																											
\$10	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$17	\$18	\$19	\$20	\$21	\$22														
Printing and Bookbinding.																											
Printing and bookbinding establishments																											
51	24	4	38	13	15	28	21	11	28	11	37	11	16														
51	24	4	38	13	15	28	21	11	28	11	37	11	16														
Textiles.																											
Carpet mills																											
98	95	63	176	147	218	289	306	295	409	317	406	310	275														
3	2	2	8	3	1	6	8	8	11	7	11	10	9														
Cotton mills																											
46	52	33	92	86	115	155	166	167	196	154	150	115	118														
Dyeing and finishing textiles																											
2	5	3	4	6	9	15	28	24	39	25	38	32	38														
Hemp and jute mills																											
9	12	2	9	4	13	13	8	2	11	2	18	5	3														
Knitting mills																											
2	1	1	1	1	1	4	1	3	3	3	1	1	1														
Lace and embroidery makers																											
2	1	1	1	1	1	4	1	3	3	3	1	1	1														
Linen mills																											
2	1	1	1	1	1	4	1	3	3	3	1	1	1														
Print works																											
2	1	1	1	1	1	4	1	3	3	3	1	1	1														
Rope and cordage factories, twine																											
2	1	1	1	1	1	4	1	3	3	3	1	1	1														
Sail, awning and tent makers																											
13	4	3	10	5	6	26	14	7	15	7	18	11	8														
Silk mills																											
11	9	11	31	33	58	52	61	57	80	84	104	98	76														
Woolen mills, worsted mills																											
12	8	6	18	7	11	15	12	19	34	18	38	21	19														
Not specified textile workers																											
49	68	23	132	50	99	133	94	73	162	122	200	145	185														
Miscellaneous Industries.																											
Broom and brush makers																											
3	4	1	2	1	2	3	2	1	4	2	5	3	5														
Button makers																											
3	4	1	2	1	2	3	2	1	4	2	5	3	5														
Charcoal and coke burners																											
1	1	1	1	1	1	1	1	1	1	1	1	1	1														
Cigars and cigarettes																											
12	19	10	39	16	24	42	28	14	34	44	55	47	45														
Electric light and power companies																											
1	1	1	1	1	1	1	1	1	1	1	1	1	1														
Electrical supplies, machinery, apparatus																											
1	1	1	1	1	1	1	1	1	1	1	1	1	1														
Gas works																											
6	15	3	27	12	27	32	28	27	61	36	80	46	50														
Oil works																											
6	15	3	27	12	27	32	28	27	61	36	80	46	50														
Rubber factories																											
6	15	3	27	12	27	32	28	27	61	36	80	46	50														
Straw factories																											
6	15	3	27	12	27	32	28	27	61	36	80	46	50														
Gas and electric companies																											
6	15	3	27	12	27	32	28	27	61	36	80	46	50														
Turpentine distillers																											
6	15	3	27	12	27	32	28	27	61	36	80	46	50														
Other miscellaneous industries																											
25	26	9	58	15	44	47	34	26	49	27	67	34	52														
Water Transportation.																											
Water transportation																											
1	1	1	1	1	1	1	1	1	1	1	1	1	1														
1	1	1	1	1	1	1	1	1	1	1	1	1	1														
Road, Street and Bridge Transportation.																											
Construction of roads, streets, etc.																											
12	10	2	12	4	14	30	23	12	71	220	121	115	88														
4	1	1	2	2	2	6	6	4	10	13	15	36	27														
Livery stables																											
6	7	1	10	1	7	20	8	3	43	4	62	42	35														
Truck, transfer, cab and hack companies																											
6	7	1	10	1	7	20	8	3	43	4	62	42	35														
Street railways																											
1	1	1	1	1	1	1	1	1	1	1	1	1	1														
Steam railroads																											
1	1	1	1	1	1	1	1	1	1	1	1	1	1														

Express Companies.	1	3	-	3	-	1	11	6	2	3	-	16	4	1
Express companies	1	3	-	3	-	1	11	6	2	3	-	16	4	1
Telephone and Telegraph.	29	20	10	11	5	8	3	5	4	2	5	10	3	19
Telephone and telegraph	29	20	10	11	5	8	3	5	4	2	5	10	3	19
Air Transportation.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Air transportation	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Persons in Transportation.	-	-	-	-	-	-	-	1	3	-	5	2	-	1
Other persons in transportation	-	-	-	-	-	-	-	1	3	-	5	2	-	1
Trade.	208	108	67	281	71	161	318	165	136	427	71	488	178	373
Banking and brokerage	3	1	3	12	1	3	6	5	-	2	2	6	2	2
Insurance	-	-	-	6	2	4	6	1	4	1	2	4	1	3
Real estate	1	1	11	13	9	5	18	5	9	19	7	17	5	13
Wholesale and retail trade	203	105	52	248	58	147	287	152	117	395	56	452	164	344
Elevators	-	-	-	-	-	1	-	-	-	-	-	1	1	1
Warehouses and cold storage plants	-	1	-	-	-	-	1	-	3	10	3	5	2	5
Other persons in trade	1	-	-	2	1	1	-	2	1	-	1	3	3	-
Clerical assistants, industry, business or profession not specified	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Professional Service.	18	24	21	31	19	10	52	41	25	28	29	44	37	28
Professional service	18	24	21	31	19	10	52	41	25	28	29	44	37	28
Domestic and Personal Service.	106	79	27	139	59	132	232	113	74	184	58	256	135	153
Occupations not in industries	95	71	21	112	39	112	196	85	62	132	54	207	130	142
Laundry and laundry workers	11	8	6	27	20	20	36	28	12	32	4	49	5	11
Grand total	854	654	332	1,390	578	1,015	1,773	1,149	970	2,151	1,255	2,756	1,770	2,447

TABLE VI. — *Total Tabulatable Injuries, by Industries and Wage Groups, etc.* — Continued.

NUMBER OF TABULATABLE INJURIES.

INDUSTRIES.

	\$23	\$24	\$25	\$26	\$27	\$28	\$29	\$30	\$31	\$32	\$33	\$34	\$35 and over.	Total.
Agriculture, Forestry and Animal Husbandry.														
Agriculture	18	129	76	16	82	38	7	96	9	27	1	6	57	820
Forestry	12	62	58	6	37	16	1	40	6	11	—	1	1	466
Animal husbandry	2	30	9	—	20	4	4	28	1	8	1	3	13	153
Ice harvesting	4	4	9	2	6	4	3	7	—	3	—	1	1	77
	—	33	—	8	19	14	2	21	2	5	—	1	5	124
Extraction of Minerals.														
Quarrying	5	15	9	4	21	12	8	31	11	19	7	—	—	272
	5	15	9	4	21	12	8	31	11	19	7	—	—	272
Building Trades.														
Hand trades	29	490	343	199	459	231	40	747	63	421	182	29	4,124	8,000
	29	490	343	199	459	231	40	747	63	421	182	29	4,124	8,000
Chemical and Allied Products.														
Fertilizers	51	46	70	21	24	39	7	36	8	14	13	3	71	684
Paints, varnish and japanning	3	4	3	—	2	4	2	2	2	1	—	—	—	69
Powder, cartridges, fireworks, etc., makers	4	4	5	3	2	2	1	3	2	1	2	—	13	78
Soap makers	—	4	3	3	3	—	—	—	—	—	—	—	7	48
Other chemical workers	34	22	14	7	7	14	—	8	1	7	2	1	7	202
	10	12	40	8	8	23	4	23	3	5	9	2	35	287
Clay, Glass and Stone Products.														
Brick makers	11	44	49	15	46	24	10	57	6	20	27	8	236	655
Potteries	—	13	18	4	19	10	1	17	1	—	7	—	12	110
Tile makers	—	1	1	—	—	—	—	—	—	—	1	—	—	9
Glass makers	9	2	3	—	1	1	—	5	—	—	—	—	16	55
Lime, cement and gypsum	—	3	6	3	—	—	1	4	—	2	2	2	28	79
Marble and stone cutters	1	14	13	4	8	5	4	16	4	5	9	1	32	127
Mica and isinglass	1	11	8	4	18	6	4	15	1	13	6	5	145	266
	—	1	—	—	—	1	—	—	—	—	—	—	—	9
Clothing.														
Clothing makers	5	14	31	7	12	6	1	32	—	7	—	—	106	540
Corset makers	5	11	23	7	7	5	1	24	—	89	—	—	89	428
Hat makers, wool or felt	—	—	—	—	4	1	—	7	—	10	—	—	15	70
Shirt, collar and cuff makers	—	3	1	—	1	—	—	1	—	2	—	—	1	32
Food and Kindred Products.														
Bakeries, bread and other bakery products	64	161	299	90	102	117	27	242	33	58	45	21	376	2,615
Butter and cheese makers	25	34	67	21	22	26	2	88	5	19	12	7	170	730
Candy and confectionery	—	2	15	1	3	—	—	12	2	6	2	3	35	97
Fish curers and packers	5	13	30	13	11	14	5	18	4	11	5	3	29	429
Flour and grain mills	3	5	71	7	14	14	4	40	8	9	5	3	33	339
Fruit and vegetable canners	—	2	2	—	—	—	—	1	—	—	2	—	—	7
	—	6	2	—	—	4	—	2	—	1	—	—	8	57

Slaughter and packing houses	16	74	86	27	35	38	10	41	8	7	11	3	65	606
Sugar makers and refiners	8	17	3	4	4	3	1	2	1	3	1	4	3	84
Other food preparers	7	8	23	17	13	9	5	38	5	2	7	1	33	266
Iron and Steel and Their Products.														
Agricultural implements	152	362	532	225	463	276	115	723	180	241	170	82	1,600	6,911
Automobile factories		11	70	3	28	13	2	248	7	40	10	6	256	774
Car and railroad shops	3	3	3	2	4	1	2	5	2	4	3	3	7	52
Foundries and metal working, tools	56	203	220	102	222	136	52	234	98	124	75	35	650	2,940
Manufacture of airplanes		1	1					1					2	14
Ship and boat building	20	23	19	28	42	25	8	37	13	13	19	14	95	413
Wagons and carriages						1		1						2
Other iron and steel workers	73	121	219	90	167	98	51	197	60	60	63	24	590	2,613
Leather and Its Finished Products.														
Harness and saddle makers and repairers	88	147	374	59	90	86	17	305	24	48	27	16	591	3,180
Leather belt, leather case, pocket-book makers			1		1									5
Shoes	5	12	17	5	3	1		8	1	1	2	1	18	149
Tanneries	19	45	155	16	35	40	13	184	7	26	21	10	431	1,800
Trunk makers	64	90	201	38	51	44	4	113	16	20	4	5	138	1,125
						1				1			4	11
Liquor and Beverages.														
Breweries	4	30	16	2	12	3	1	23		25	1	1	32	211
Distilleries										2				3
Other liquor and beverage workers	4	30	16	2	12	3	1	23		22	1	1	32	207
Lumber and Its Re-manufacture.														
Box makers (wood)	43	127	179	59	86	50	16	157	18	38	19	7	330	2,037
Furniture	8	34	26	19	10	8	4	12	1	4	2		9	280
Pianos and organs	17	30	57	20	19	14	7	51	9	16	9	3	129	694
Saw and planing mills	1	2	8	5	2			2		4	2		29	98
Other wood workers	2	16	17	2	22	4	1	24	2	2	2	1	30	193
	15	45	71	13	33	24	4	68	6	12	4	3	133	772
Metal and Metal Products Other than Iron and Steel.														
Brass mills	21	39	46	20	27	22	10	45	9	15	13	4	118	730
Clock factories	3	10	5	5	5	4		10	4	1	2		21	122
Copper factories				6	1	2			1		1		22	12
Gold and silver factories	1	7	6	2	3	4	2	9	1	3	3		20	74
Jewelry factories	2	4	5	2	6	1	3	2	2	5	1		19	88
Lead and zinc factories	1	5	6		1	1	3	2	2	4	3	2	15	102
Tin plate factories	7	7	11		8	1	3	14		4			8	117
Watch factories	1	2	6		1	1	1	3					3	48
Copper and brass											2		3	35
Other metal workers	4	4	4	5	1	3	2	3		1		1	5	85
	1	2	2	2	4			2		1			4	47
Paper.														
Box makers (paper)	111	180	132	79	75	77	39	97	39	37	23	15	253	1,897
Makers of blank books, envelopes, tags and labels, paper bags	4	7	12	11	9	8	5	12	5	8	2	2	34	321
Paper and pulp mills	6	9	9	6	1	6	3	9	3	5	5		30	218
Pulp mills	84	124	67	44	45	39	22	45	25	16	17	9	139	913
Other paper goods	1	2	2	1										8
	16	38	42	17	20	21	9	31	6	8	1	2	50	437

TABLE VI. — *Total Tabulatable Injuries, by Industries and Wage Groups, etc.* — Continued.

INDUSTRIES.		NUMBER OF TABULATABLE INJURIES.													\$35 and over.
		\$23	\$24	\$25	\$26	\$27	\$28	\$29	\$30	\$31	\$32	\$33	\$34	Total.	
Printing and Bookbinding.															
Printing and bookbinding establishments															
Textiles.															
Carpet mills		158	240	273	129	150	172	94	175	62	59	36	44	349	5,345
Cotton mills		3	11	14	2	8	5	2	6	2	2	1	2	19	166
Dyeing and finishing textiles		60	96	102	52	69	78	35	50	21	23	15	8	53	2,316
Hemp and jute mills		14	24	31	8	13	15	10	16	3	8	2	4	38	449
Knitting mills		4	9	8	1	1	1	1	2	4	1	1	1	1	53
Lace and embroidery makers		1	3	15	1	6	1	1	3	—	1	1	1	29	174
Linen mills		—	—	—	—	—	—	—	—	—	—	—	—	—	2
Print works		3	—	2	2	3	2	1	5	—	—	—	—	7	25
Rope and cordage factories, twine		1	2	1	—	—	1	—	1	—	1	—	—	1	84
Sail, awning and tent makers		—	—	—	—	—	—	—	3	—	—	—	—	2	42
Silk mills		3	9	10	11	2	4	7	10	3	3	2	1	30	242
Woollen mills, worsted mills		50	72	59	38	29	51	33	52	26	17	11	23	125	1,351
Not specified textile workers		19	14	29	14	19	14	4	27	3	3	4	2	43	433
Miscellaneous Industries.															
Broom and brush makers		123	346	392	164	239	261	131	384	143	161	128	76	1,049	5,132
Button makers		—	2	3	1	1	2	1	2	1	2	1	—	4	34
Charcoal and coke burners		—	—	1	2	2	—	—	1	—	—	—	—	—	2
Cigars and cigarettes		—	4	3	—	1	1	—	3	1	—	—	—	8	42
Electric light and power companies		6	31	24	7	40	16	30	27	25	18	22	8	181	463
Electrical supplies, machinery, apparatus		46	70	85	46	44	65	29	88	46	52	40	39	407	1,486
Gas works		2	39	6	17	17	39	12	22	15	16	11	7	63	306
Oil works		13	15	69	24	33	62	20	64	10	20	22	3	91	484
Rubber factories		34	68	74	37	50	28	18	72	16	16	13	11	83	950
Straw factories		—	—	2	—	—	1	1	—	—	—	—	—	—	11
Gas and electric companies		2	45	21	3	13	9	4	18	5	12	3	2	41	185
Turpentine distillers		—	1	—	—	—	—	—	—	—	—	—	—	—	1
Other miscellaneous industries		20	69	104	27	38	38	16	87	23	25	16	6	178	1,160
Water Transportation.															
Water transportation		3	28	10	11	221	16	6	37	4	5	1	3	139	543
Road, Street and Bridge Transportation.															
Construction of roads, streets, etc.		46	576	414	181	433	411	89	1,177	155	314	230	93	1,813	6,666
Livery stables		9	390	104	113	293	291	33	566	96	90	147	11	576	2,847
Truck, transfer, cab and hack companies		—	—	4	—	1	—	—	1	—	2	1	—	3	21
Street railways		11	14	252	21	102	55	26	545	13	159	48	49	500	2,141
Steam railroads		2	14	5	13	15	29	20	35	32	26	19	19	359	629
Stream railroads		24	61	49	34	22	35	10	30	14	37	15	14	375	1,028

Express Companies.														
Express companies	-	12	29	2	12	21	16	79	34	34	79	32	124	525
	-	12	29	2	12	21	16	79	34	34	79	32	124	525
Telephone and Telegraph.														
Telephone and telegraph	18	12	5	3	3	4	3	4	3	-	5	2	48	244
	18	12	5	3	3	4	3	4	3	-	5	2	48	244
Air Transportation.														
Air transportation	-	-	-	-	-	-	1	1	-	-	-	-	5	9
	-	-	-	-	-	-	1	1	-	-	-	-	5	9
Other Persons in Transportation.														
Other persons in transportation	1	9	15	5	14	7	8	26	12	-	16	-	12	137
	1	9	15	5	14	7	8	26	12	-	16	-	12	137
Trade.														
Banking and brokerage	199	564	976	188	448	555	110	1,067	136	280	193	76	1,851	9,695
Insurance	2	2	5	1	8	4	1	7	2	-	-	3	19	102
Real estate	3	4	3	4	-	3	1	6	3	1	1	2	52	118
Wholesale and retail trade	4	20	31	3	11	11	1	48	1	5	6	2	75	351
Elevators	154	504	907	167	402	522	104	966	124	263	182	67	1,637	8,770
Warehouses and cold storage plants	-	-	26	9	20	13	1	25	3	-	-	-	26	88
Other persons in trade	34	23	26	4	7	2	-	9	2	4	2	1	23	214
Clerical assistants, industry, business or profession not specified	2	10	4	4	-	-	-	-	-	7	2	1	19	90
	-	1	-	-	-	-	-	1	-	-	-	-	-	3
Professional Service.														
Professional service	28	34	65	14	29	19	11	40	13	15	11	7	88	781
	28	34	65	14	29	19	11	40	13	15	11	7	88	781
Domestic and Personal Service.														
Domestic and personal service	58	152	283	57	101	79	16	246	28	60	35	18	439	3,319
Occupations not in industries	51	139	226	53	86	65	12	206	25	49	29	14	360	2,793
Laundry and laundry workers	7	13	57	4	15	14	4	40	3	11	6	4	79	526
Grand total	1,243	3,790	4,651	1,564	3,164	2,549	789	5,884	998	1,912	1,272	557	14,274	61,741

TABLE VIII. — Location and Nature of Injury, by Extent of Disability, July 1, 1929, to June 30, 1930.

LOCATION AND NATURE OF INJURY.	Total. Deaths.	Per- manent Total Disa- bilities.	Per- manent Partial Disa- bilities.	NUMBER OF CASES.											Over 1 Year.		
				TEMPORARY DISABILITIES.													
				1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	52 to 1 Year.				
BRUISES, CONTUSIONS AND ABRASIONS.				11,100	6	3	1,903	2,488	1,691	1,616	993	1,649	455	201	81	14	11,091
Head.	429	—	—	102	96	64	55	25	56	14	10	7	—	—	—	—	429
Eye	156	—	—	43	45	26	18	9	—	4	2	3	—	—	—	—	156
Both eyes	8	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	8
External ear or ears	10	—	—	3	—	3	3	1	—	—	—	—	—	—	—	—	10
Scalp	70	—	—	15	17	8	9	2	13	3	1	2	—	—	—	—	70
Head, general	152	—	—	39	32	19	19	12	22	5	3	1	—	—	—	—	152
Head and shoulders	33	—	—	1	2	8	6	1	11	2	1	1	—	—	—	—	33
Face and Neck.				211	—	—	62	56	36	21	11	15	8	2	—	—	211
Forehead	52	—	—	14	14	6	7	3	4	—	—	—	—	—	—	—	52
Eyelids	3	—	—	3	—	—	—	—	—	—	—	—	—	—	—	—	3
Nose	22	—	—	13	4	2	2	1	—	—	—	—	—	—	—	—	22
Cheek	12	—	—	6	1	3	1	—	—	—	—	—	—	—	—	—	12
Lips and chin	13	—	—	2	5	3	2	—	—	—	—	—	—	—	—	—	13
Face, general	71	—	—	16	22	17	7	2	5	2	—	—	—	—	—	—	71
Neck	16	—	—	4	3	4	1	1	1	1	1	—	—	—	—	—	16
Face and hands or arms	22	—	—	4	7	1	1	4	3	2	—	—	—	—	—	—	22
Trunk.				1,541	1	—	180	306	251	228	144	288	84	29	26	4	1,540
Back	568	—	—	65	108	89	72	43	108	41	16	22	4	—	—	—	568
Thorax	296	—	—	34	46	50	50	35	64	12	3	2	—	—	—	—	296
Abdomen	81	—	—	11	18	13	9	10	9	8	2	—	—	—	—	—	80
Groin	37	—	—	5	8	4	7	2	10	1	—	—	—	—	—	—	37
Anus, perineum or rectum	4	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	4
External generative organs	24	—	—	1	5	6	6	—	5	1	—	—	—	—	—	—	24
Side or sides	513	—	—	62	118	84	80	53	88	19	7	2	—	—	—	—	513
Buttocks	18	—	—	2	2	4	4	1	3	2	—	—	—	—	—	—	18
Upper Extremities.				3,493	2	—	640	785	545	516	312	489	130	53	17	4	3,491
Shoulder	253	—	—	28	68	37	29	25	46	10	5	3	2	—	—	—	253
Both shoulders	5	—	—	—	3	—	—	—	—	—	—	—	—	—	—	—	5
Upper arm	17	—	—	4	5	2	2	1	3	—	—	—	—	—	—	—	17
Elbow	248	—	—	38	57	46	30	17	39	13	8	—	—	—	—	—	248
Forearm	92	—	—	12	24	12	16	5	15	7	1	—	—	—	—	—	92
Wrist	123	—	—	12	31	25	19	10	14	7	4	—	—	—	—	—	123
Both wrists	2	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	2
Arm, general	278	—	—	47	55	49	45	32	37	6	5	2	—	—	—	—	278
Both arms, or one arm and one hand	34	—	—	3	5	8	5	5	4	3	—	—	—	—	—	—	34
Arm and leg	99	—	—	9	27	13	10	12	21	3	4	—	—	—	—	—	99

TABLE VIII. — *Location and Nature of Injury, by Extent of Disability, etc.* — Continued.

LOCATION AND NATURE OF INJURY.	Total. Deaths.	Per- manent Disa- bilities.	Per- manent Partial Disa- bilities.	NUMBER OF CASES.									
				TEMPORARY DISABILITIES.									
				1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 1 Year.
BRUISES, CONTUSIONS AND ABRASIONS.—Con.													
Upper Extremities.—Con.													
Hand, general	605	1	—	128	141	95	86	46	80	14	8	6	604
Both hands	13	—	—	3	4	2	1	1	4	1	2	—	13
Hand and foot	13	—	—	3	6	4	—	—	2	—	—	1	13
Palm	27	—	—	26	9	13	6	3	9	—	—	—	27
Back of hand	117	1	—	81	72	57	27	9	43	5	1	—	116
Thumb	358	—	—	49	66	53	64	29	31	15	5	—	358
Index finger	314	—	—	76	56	44	50	26	49	13	1	—	314
Middle finger	315	—	—	34	35	23	20	9	20	4	—	—	315
Ring finger	145	—	—	30	33	23	13	17	19	7	1	—	145
Little finger	143	—	—	2	3	2	2	1	—	1	—	—	143
Thumb and one finger	13	—	—	—	1	1	—	1	3	1	—	—	13
Thumb and two or more fingers	7	—	—	16	24	21	16	11	23	6	—	—	7
Two fingers	117	—	—	4	8	6	1	1	6	2	—	—	117
Three fingers	29	—	—	7	2	—	4	4	7	1	—	—	29
Four fingers	27	—	—	25	21	6	11	10	13	1	2	—	27
One finger, not specified	88	—	—	2	1	—	1	—	13	1	1	—	88
Two or more fingers on both hands	4	—	—	—	—	—	—	—	—	—	—	—	4
Both thumbs	2	—	—	—	1	—	1	—	—	—	—	—	2
One finger on each hand	5	—	—	1	1	2	1	—	—	—	—	—	5
Lower Extremities.													
Hip	5,184	3	—	897	1,207	758	754	489	744	207	92	28	5,180
Both hips	156	—	—	24	42	17	22	14	23	6	6	1	156
Upper leg	9	—	—	1	2	2	1	1	2	—	—	—	9
Lower leg	118	—	—	20	30	20	14	12	15	3	1	3	118
Knee	707	—	—	114	162	109	88	76	98	40	13	6	707
Both knees	43	—	—	12	6	4	4	6	8	1	1	1	43
Lower leg	376	2	—	47	67	48	63	45	63	23	13	5	374
Leg, general	688	—	—	107	140	87	112	74	108	41	13	6	688
Both legs	129	—	—	14	28	15	19	17	24	7	4	1	129
Ankle	308	—	—	57	70	48	44	22	45	14	7	1	308
Both ankles	6	—	—	—	—	1	1	2	1	1	—	—	6
Instep	125	—	—	16	27	18	18	10	31	2	3	—	125
Heel	76	—	—	14	22	15	11	4	8	2	—	—	76
Both heels	4	—	—	1	1	1	1	—	—	—	—	—	4
Foot	1,373	1	—	256	330	187	210	119	193	50	22	3	1,371
Both feet	10	—	—	1	2	5	—	66	74	12	8	1	10
Great toe	703	—	—	122	195	117	107	66	74	22	8	1	703
Lesser toe	128	—	—	37	37	20	15	5	11	2	1	—	128
One toe, not specified	57	—	—	18	13	8	8	4	6	—	—	—	57

TABLE VIII. — *Location and Nature of Injury, by Extent of Disability, etc. — Continued.*

LOCATION AND NATURE OF INJURY.	Total Deaths.	Per- manent Total Partial Disa- bilities. bilities.	NUMBER OF CASES.									
			TEMPORARY DISABILITIES.									
			1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 1 Year.
BURNS AND SCALDS.—Con.												
Upper Extremities.—Con.												
Middle finger	22	—	3	5	1	4	2	7	1	—	—	22
Ring finger	11	—	2	1	1	4	—	—	—	—	—	11
Little finger	11	—	1	4	—	1	2	2	1	—	—	10
Thumb and one finger	13	—	—	2	—	1	1	1	—	—	—	4
Thumb and two or more fingers	4	—	—	5	—	2	1	6	3	1	—	13
Two fingers	24	—	2	2	2	4	3	6	—	—	—	24
Three fingers	20	—	5	4	2	2	1	6	1	1	—	20
Four fingers	23	—	4	5	1	7	2	3	1	—	—	23
One finger, not specified	7	—	—	1	1	1	—	2	—	—	—	7
Two or more fingers on both hands	3	—	—	1	1	—	—	—	—	—	—	3
One finger on each hand	1	—	—	—	—	—	—	—	—	—	—	1
Lower Extremities.												
Hip	489	—	41	68	54	73	76	130	31	11	5	489
Both hips	2	—	1	—	1	—	1	—	—	—	—	2
Upper leg	1	—	1	—	2	—	1	—	—	—	—	1
Knee	9	—	2	1	1	1	3	1	1	—	—	9
Both knees	7	—	—	1	1	1	—	—	—	—	—	7
Lower leg	2	—	1	—	—	—	—	—	—	—	—	2
Leg, general	20	—	—	3	2	4	4	5	1	1	—	20
Both legs	67	—	9	9	7	6	5	19	10	2	3	67
Ankle	53	—	2	5	9	9	7	12	4	2	—	53
Both ankles	30	—	1	4	4	5	8	6	1	1	—	30
Instep	5	—	—	2	1	1	—	—	—	—	—	5
Heel	11	—	—	—	—	2	5	4	—	—	—	11
Foot	16	—	2	2	3	2	3	3	1	—	—	16
Both feet	238	—	22	37	23	40	32	65	13	4	2	238
Great toe	20	—	1	2	—	1	6	10	—	—	—	20
Lesser toe	3	—	—	1	1	1	—	—	—	—	—	3
Great toe and lesser toes or toe	2	—	—	—	—	—	—	—	—	—	—	2
Two or more lesser toes	2	—	—	—	—	—	—	—	—	—	—	2
Body.												
Body, general	81	19	6	6	5	8	6	12	6	4	7	62
CONCUSSIONS.	81	19	6	6	5	8	6	12	6	4	7	62
Head.	74	3	—	4	7	4	6	23	10	8	6	71
Brain	74	3	—	4	7	4	6	23	10	8	6	71

CUTS, PUNCTURES AND LACERATIONS. 17,764												
Head.												
Eye	2	3,366	4,148	2,741	2,728	1,492	2,290	609	236	93	31	17,734
External ear	-	232	280	155	87	65	91	28	12	11	5	966
Scalp	-	81	99	48	29	20	10	5	4	2	1	308
Head, general	-	6	10	4	6	-	2	2	7	6	3	32
Head and shoulders	-	97	112	79	40	34	51	14	7	6	3	443
	-	47	56	21	11	8	17	4	1	1	1	166
	-	1	3	3	1	3	2	4	-	-	-	17
Face and Neck.												
Forehead	2	197	214	107	79	53	69	12	8	1	1	741
Eyelids	-	88	59	43	26	18	17	4	3	-	1	259
Nose	-	6	11	1	5	-	5	1	2	-	1	31
Cheek	2	18	21	8	11	4	6	1	3	-	-	68
Tongue	-	16	13	8	5	5	3	3	-	-	-	53
Lips and chin	-	2	2	-	-	-	-	-	-	-	-	2
Lips and chin	-	30	41	19	10	7	5	-	-	-	-	112
Face, general	-	29	50	18	17	12	19	2	2	1	-	150
Neck	-	4	7	4	-	1	2	-	-	-	-	18
Throat	-	1	-	-	-	-	-	-	-	-	-	1
Face and hands or arms	-	5	10	6	5	6	12	2	1	-	-	47
Trunk.												
Back	3	18	29	17	21	9	13	4	4	2	1	118
Thorax	-	5	6	4	3	3	2	2	1	1	-	27
Abdomen	-	3	4	1	3	3	3	3	-	-	-	16
Groin	-	2	6	7	4	1	3	-	-	-	-	23
Anus, perineum or rectum	-	1	-	2	4	-	-	-	-	-	1	8
External generative organs	-	-	-	-	-	-	-	-	-	-	-	3
Side or sides	-	-	2	1	1	1	1	1	1	-	-	6
Buttocks	-	4	9	1	2	1	2	1	1	-	-	20
	-	3	2	1	6	-	2	-	-	-	-	15
Upper Extremities.												
Shoulder	12,578	2,222	2,702	1,939	2,058	1,147	1,790	452	166	62	19	12,557
Both shoulders	-	6	5	5	4	1	4	-	-	-	-	25
Upper arm	-	1	-	-	-	2	-	-	1	-	-	1
Elbow	-	3	5	5	3	2	4	1	1	-	-	24
Forearm	-	20	22	19	21	5	12	4	1	1	-	104
Wrist	-	47	53	49	47	18	20	11	8	1	1	255
Both wrists	-	73	87	68	67	26	36	11	10	6	3	387
Arm, general	-	-	-	-	-	-	1	-	-	-	-	2
Both arms, or one hand and one arm	-	82	103	60	59	33	62	12	9	5	2	427
Arm and leg	-	2	9	5	9	1	6	3	4	1	1	41
Hand, general	-	3	5	1	4	2	4	-	-	-	-	19
Both hands	-	378	502	345	352	190	239	67	31	10	8	2,122
Hand and foot	-	4	11	6	7	5	5	2	1	-	-	41
Palm	-	1	4	1	-	2	-	-	-	-	-	8
Back of hand	-	110	153	97	97	53	69	16	6	2	-	603
Thumb	-	53	73	66	71	38	47	7	7	3	-	365
Index finger	-	352	401	298	301	168	297	74	26	9	1	1,927
Middle finger	-	369	428	321	343	203	300	79	23	6	1	2,073
Ring finger	-	229	293	219	250	135	233	48	9	4	1	1,421
Little finger	-	142	173	93	106	74	103	19	7	-	1	717
Thumb and one finger	-	126	122	103	131	59	110	24	5	1	1	682
	-	9	11	14	16	7	16	9	-	1	-	83

TABLE VIII. — *Location and Nature of Injury, by Extent of Disability, etc.* — Continued.

LOCATION AND NATURE OF INJURY.	NUMBER OF CASES.													
	Total. Deaths.	Per- manent Total Disa- bilities.	Per- manent Partial Disa- bilities.	TEMPORARY DISABILITIES.										
				1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 1 Year.	
FRACTURES.—Con.														
Upper Extremities.														
Scapula	1,919	1	13	28	59	71	118	146	758	378	223	102	22	1,905
Clavicle	32	—	1	—	—	—	1	3	7	7	6	7	—	31
Shoulder joint	78	—	—	—	—	—	1	2	34	19	10	8	3	78
Both shoulders	33	—	—	—	—	—	—	3	11	9	7	3	—	33
Humerus	1	—	—	—	—	—	—	—	—	—	—	—	1	1
Olecranon	39	—	2	—	—	2	—	1	4	8	13	6	3	37
Radius	73	—	6	2	1	2	4	7	26	14	7	4	6	67
Ulna	143	1	1	2	2	5	5	6	48	35	24	16	1	142
Radius and ulna	15	—	—	—	—	—	—	—	6	5	—	2	—	14
Both wrists	200	1	1	1	2	6	3	2	67	59	31	20	7	198
Carpus	4	—	—	—	—	—	—	—	1	1	1	1	—	4
Both arms, or one hand and one arm	360	1	1	1	2	10	19	20	153	82	49	21	2	359
Arm and leg	1	—	—	—	—	—	—	—	—	1	—	—	—	2
One metacarpal	2	—	—	—	—	8	9	19	75	33	16	3	4	172
Two or more metacarpals	172	—	—	5	1	1	2	1	3	—	5	—	—	11
One finger, not specified	25	—	—	4	2	—	—	2	10	3	—	—	—	25
Thumb	172	—	—	4	13	5	17	18	73	24	13	5	—	172
Both thumbs	2	—	—	—	—	—	—	—	—	—	2	—	—	2
Index finger	129	—	—	7	9	6	12	13	59	12	10	1	—	129
Middle finger	129	—	—	3	9	7	11	12	64	18	5	—	—	129
Ring finger	78	—	—	1	5	6	12	10	31	10	3	—	—	78
Little finger	137	—	—	4	7	9	15	19	56	20	7	—	—	137
Thumb and one finger	2	—	—	—	—	—	1	—	1	—	—	—	—	2
Thumb and two fingers	1	—	—	—	—	—	—	—	1	—	—	—	—	1
Two fingers	63	—	—	1	1	3	4	6	22	14	7	5	—	63
Three fingers	14	—	—	—	—	—	1	1	5	4	—	—	—	14
Four fingers	3	—	—	—	—	—	—	1	1	—	—	—	—	3
Lower Extremities.														
Hip joint	2,066	13	2	29	79	110	152	161	623	346	279	186	68	2,033
Femur	25	1	1	1	1	—	—	—	—	4	9	4	8	24
Patella	52	5	—	1	1	2	1	1	19	10	17	7	3	41
Tibia	64	—	—	—	—	—	—	3	8	11	17	10	4	62
Fibula	53	—	—	—	—	—	1	2	10	25	24	10	3	53
Tibia and fibula	72	—	—	—	—	—	—	2	8	34	54	51	1	72
Both heels	170	7	1	—	—	1	—	2	8	34	54	51	10	160
Both legs	5	1	2	—	—	—	—	—	—	—	—	2	2	5
Tarsus	5	—	—	1	1	—	—	—	—	—	—	—	1	4
Metatarsals	214	3	—	1	5	—	2	3	48	61	53	35	2	211
	429	—	—	12	14	23	27	163	99	54	23	10	428	429

TABLE VIII. — Location and Nature of Injury, by Extent of Disability, etc. — Continued.

LOCATION AND NATURE OF INJURY.	Total Deaths.	Per- manent Total Partial Disa- bilities.	NUMBER OF CASES.										
			TEMPORARY DISABILITIES.										
			1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 1 Year.	Total.
SPRAINS AND STRAINS.—Con.													
Upper Extremities.—Con.													
Thumb and two fingers	1	—	—	—	—	—	1	—	—	—	—	—	1
Two fingers	8	—	2	—	—	3	1	2	—	—	—	—	8
Three fingers	2	—	—	—	—	1	—	—	—	—	—	—	2
One finger, not specified	9	—	4	—	—	—	1	1	—	—	—	—	9
Lower Extremities.													
Hip	3,317	—	416	957	514	385	284	471	145	92	43	10	3,317
Both hips	108	—	11	28	10	10	9	21	9	8	1	1	108
Upper leg	41	—	7	14	2	3	5	7	3	—	—	—	41
Knee	581	—	37	112	82	68	64	111	44	33	24	6	581
Both knees	1	—	—	—	—	—	1	—	—	—	—	—	1
Both legs	16	—	—	—	2	1	2	3	2	—	—	—	16
Lower leg	39	—	4	10	3	10	2	5	—	4	1	—	39
Leg, general	392	—	38	101	57	62	33	51	30	15	5	—	392
Ankle	1,746	—	246	568	302	195	141	218	41	24	10	1	1,746
Both ankles	10	—	—	2	1	3	1	1	2	—	—	—	10
Instep	11	—	1	4	2	4	—	—	—	—	—	—	11
Heel	7	—	2	1	—	1	1	1	1	—	—	—	7
Foot	343	—	66	106	52	27	23	47	11	8	1	2	343
Both feet	5	—	—	—	—	1	—	1	2	—	—	—	5
Great toe	10	—	1	6	—	1	1	2	—	—	—	—	10
Lesser toe	3	—	1	—	1	—	—	1	—	—	—	—	3
One toe, not specified	1	—	—	—	—	—	—	1	—	—	—	—	1
Great toe and lesser toes or toe	1	—	1	—	—	—	—	—	—	—	—	—	1
Body.													
Body, general	89	1	10	28	12	7	9	11	6	3	1	1	88
	89	1	10	28	12	7	9	11	6	3	1	1	88
ALL OTHER.													
Head.													
Eye	8,344	114	1,431	2,078	1,058	942	633	1,251	378	269	142	36	8,218
Both eyes	1,699	5	526	520	185	154	71	133	42	41	14	5	1,691
Internal ear	1,340	—	451	412	147	127	55	92	26	24	3	3	1,340
Internal ears	115	—	36	44	13	9	4	4	2	2	—	—	114
Internal ear or ears	2	—	3	1	4	1	1	1	1	3	—	—	15
External ear or ears	24	—	—	—	—	—	—	—	—	—	—	—	24
Scalp	8	—	3	13	1	2	—	2	1	2	—	—	24
Head, general	171	—	30	43	18	12	9	28	10	7	11	1	169
Head and shoulders	24	5	3	2	2	2	1	4	2	2	—	—	19

Face and Neck.

Forehead	204	43	74	31	18	9	17	5	5	1	1	204
Eyelids	16	4	6	4	1	-	1	-	-	-	-	16
Nose	7	1	3	2	-	-	1	-	-	-	-	7
Cheek	16	4	7	2	-	-	1	-	-	-	-	16
Teeth	7	-	5	-	-	-	1	-	-	-	-	7
Lips and chin	64	15	25	10	8	-	4	2	-	-	-	64
Face, general	24	3	11	3	2	1	1	1	3	-	-	24
Face, general	34	10	10	5	1	3	4	1	1	-	-	34
Neck	25	5	4	4	5	-	3	1	1	1	1	25
Throat	2	1	-	-	-	-	1	-	-	-	-	2
Face and hands or arms	9	-	3	1	1	3	-	-	-	-	-	9
Trunk.												
Spinal cord	1,170	3	276	129	105	105	212	83	59	34	10	1,159
Back	4	72	126	61	47	44	98	44	3	22	7	4
Thorax	552	13	23	8	14	16	25	3	5	4	1	549
Abdomen	122	17	27	8	8	9	14	13	3	3	1	122
Groin	108	4	11	6	3	3	12	5	2	1	-	102
Anus, perineum or rectum	47	2	2	1	-	1	-	-	-	-	-	47
External generative organs	6	2	1	1	-	1	-	-	-	-	-	6
Side or sides	58	3	11	5	10	11	10	1	7	-	-	58
Sacro iliac joint	253	31	73	28	21	18	50	16	10	3	1	251
Buttocks	2	1	1	2	-	-	3	-	1	1	-	2
Buttocks	18	3	2	2	2	3	3	1	1	-	-	18
Upper Extremities.												
Shoulder	2,632	358	622	383	388	246	429	101	67	32	4	2,630
Both shoulders	188	22	39	21	22	15	40	6	13	8	2	188
Upper arm	3	-	2	-	1	-	-	-	-	1	-	3
Elbow	6	1	2	-	-	-	2	-	-	-	-	6
Forearm	164	15	36	19	22	21	30	9	10	2	-	164
Wrist	58	11	17	5	5	7	9	2	2	-	-	58
Both wrists	138	17	35	22	25	10	19	5	2	2	-	137
Both wrists	1	-	-	1	-	-	-	-	-	-	-	1
Arm, general	204	26	54	38	27	16	27	9	3	4	-	204
Both arms, or one hand and one arm	28	3	10	3	-	2	6	2	2	1	1	28
Arm and leg	38	3	13	5	4	2	5	2	3	1	-	38
Hand, general	488	70	108	69	76	48	81	24	8	4	-	488
Both hands	35	6	4	7	6	3	5	1	2	1	-	35
Hand and foot	7	1	1	1	1	-	1	1	2	-	-	7
Palm	71	3	15	10	11	9	17	4	-	2	-	71
Back of hand	44	9	9	7	8	1	8	1	1	-	-	44
Thumb	276	31	71	38	48	24	45	6	9	3	1	276
Index finger	245	43	60	33	30	33	36	4	4	1	-	244
Middle finger	193	27	40	34	32	22	30	5	3	-	-	193
Ring finger	111	15	31	20	15	8	12	8	2	-	-	111
Little finger	110	20	33	16	19	11	9	1	1	-	-	110
Thumb and one finger	7	1	1	1	2	-	2	-	-	-	-	7
Thumb and two fingers	1	-	-	-	-	-	-	-	-	-	-	1
Two fingers	75	8	7	14	13	4	22	6	1	1	-	75
Three fingers	19	4	1	1	4	-	5	3	-	-	-	19
Four fingers	18	1	6	1	2	2	4	1	1	-	-	18

Upper Extremities.

Forearm	938	3	1	934	2	11	40	76	32	20	7	5	4	155	1	2	1	5	41	10	5	90
Arm, general	938	3	1	934	2	11	40	76	32	20	7	5	4	155	1	2	1	5	41	10	5	90
Hand, general	938	3	1	934	2	11	40	76	32	20	7	5	4	155	1	2	1	5	41	10	5	90
Thumb	938	3	1	934	2	11	40	76	32	20	7	5	4	155	1	2	1	5	41	10	5	90
Index finger	938	3	1	934	2	11	40	76	32	20	7	5	4	155	1	2	1	5	41	10	5	90
Middle finger	938	3	1	934	2	11	40	76	32	20	7	5	4	155	1	2	1	5	41	10	5	90
Ring finger	938	3	1	934	2	11	40	76	32	20	7	5	4	155	1	2	1	5	41	10	5	90
Little finger	938	3	1	934	2	11	40	76	32	20	7	5	4	155	1	2	1	5	41	10	5	90
Thumb and one finger	938	3	1	934	2	11	40	76	32	20	7	5	4	155	1	2	1	5	41	10	5	90
Thumb and two fingers	938	3	1	934	2	11	40	76	32	20	7	5	4	155	1	2	1	5	41	10	5	90
Two fingers	938	3	1	934	2	11	40	76	32	20	7	5	4	155	1	2	1	5	41	10	5	90
Three fingers	938	3	1	934	2	11	40	76	32	20	7	5	4	155	1	2	1	5	41	10	5	90
Four fingers	938	3	1	934	2	11	40	76	32	20	7	5	4	155	1	2	1	5	41	10	5	90
One finger, not specified	938	3	1	934	2	11	40	76	32	20	7	5	4	155	1	2	1	5	41	10	5	90
Index finger on each hand	938	3	1	934	2	11	40	76	32	20	7	5	4	155	1	2	1	5	41	10	5	90
Two fingers or more on each hand	938	3	1	934	2	11	40	76	32	20	7	5	4	155	1	2	1	5	41	10	5	90
Both thumbs	938	3	1	934	2	11	40	76	32	20	7	5	4	155	1	2	1	5	41	10	5	90
One finger on each hand	938	3	1	934	2	11	40	76	32	20	7	5	4	155	1	2	1	5	41	10	5	90
Lower Extremities.																						
Lower leg	51	2	1	48	2	11	40	76	32	20	7	5	4	155	1	2	1	5	41	10	5	90
Leg, general	51	2	1	48	2	11	40	76	32	20	7	5	4	155	1	2	1	5	41	10	5	90
Both legs	51	2	1	48	2	11	40	76	32	20	7	5	4	155	1	2	1	5	41	10	5	90
Foot	51	2	1	48	2	11	40	76	32	20	7	5	4	155	1	2	1	5	41	10	5	90
Great toe	51	2	1	48	2	11	40	76	32	20	7	5	4	155	1	2	1	5	41	10	5	90
Lesser toe	51	2	1	48	2	11	40	76	32	20	7	5	4	155	1	2	1	5	41	10	5	90
Great toe and lesser toes or toe	51	2	1	48	2	11	40	76	32	20	7	5	4	155	1	2	1	5	41	10	5	90
Two or more lesser toes	51	2	1	48	2	11	40	76	32	20	7	5	4	155	1	2	1	5	41	10	5	90
ELECTRIC SHOCKS.																						
Body, general	33	22	13	26	8	84	160	156	152	111	218	76	58	40	13	1,068	18	2	15	1	11	11
Body	33	22	13	26	8	84	160	156	152	111	218	76	58	40	13	1,068	18	2	15	1	11	11
Head	1,107	18	13	26	8	84	160	156	152	111	218	76	58	40	13	1,068	18	2	15	1	11	11
Eye	18	2	1	26	8	84	160	156	152	111	218	76	58	40	13	1,068	18	2	15	1	11	11
Both eyes	18	2	1	26	8	84	160	156	152	111	218	76	58	40	13	1,068	18	2	15	1	11	11
External ear or ears	15	1	1	26	8	84	160	156	152	111	218	76	58	40	13	1,068	18	2	15	1	11	11
OCCUPATIONAL.																						
Head.																						
Face and Neck.																						
Forehead	156	1	1	26	8	84	160	156	152	111	218	76	58	40	13	1,068	18	2	15	1	11	11
Nose	156	1	1	26	8	84	160	156	152	111	218	76	58	40	13	1,068	18	2	15	1	11	11
Cheeks	156	1	1	26	8	84	160	156	152	111	218	76	58	40	13	1,068	18	2	15	1	11	11
Lips and chin	156	1	1	26	8	84	160	156	152	111	218	76	58	40	13	1,068	18	2	15	1	11	11
Face, general	42	1	1	26	8	84	160	156	152	111	218	76	58	40	13	1,068	18	2	15	1	11	11
Neck	10	1	1	26	8	84	160	156	152	111	218	76	58	40	13	1,068	18	2	15	1	11	11
Throat	5	1	1	26	8	84	160	156	152	111	218	76	58	40	13	1,068	18	2	15	1	11	11
Face and hands or arms	90	1	1	26	8	84	160	156	152	111	218	76	58	40	13	1,068	18	2	15	1	11	11

TABLE VIII. — *Location and Nature of Injury, by Extent of Disability, etc. — Concluded.*

LOCATION AND NATURE OF INJURY.	Total Deaths.	Per- manent Total Dis- abilities.	NUMBER OF CASES.												
			TEMPORARY DISABILITIES.												
			1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 1 Year.	Total.		
OCCUPATIONAL.—Con.															
Trunk.															
Back	15	—	4	5	1	1	1	80	67	122	41	28	18	1	15
Thorax	2	—	1	2	—	—	—	—	—	—	—	—	—	—	2
Abdomen	7	—	1	2	1	1	1	1	—	1	—	—	1	—	7
Groin	4	—	2	—	—	—	—	—	—	1	1	—	—	—	4
Buttocks	1	—	1	—	—	—	—	—	—	—	—	—	—	—	1
Upper Extremities.															
Shoulder	517	1	25	67	65	80	67	122	41	28	18	1	1	3	516
Upper arm	3	—	—	1	1	1	—	—	—	—	—	—	—	—	3
Elbow	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Forearm	10	—	2	—	2	1	1	2	4	1	—	—	—	—	10
Wrist	9	—	—	1	1	1	3	1	—	—	—	—	1	—	9
Both wrists	3	—	—	—	3	1	1	1	—	—	—	—	—	—	3
Arm, general	25	—	5	6	3	5	1	2	1	—	—	—	2	—	25
Both arms, or one hand and one arm	126	—	5	18	20	17	23	26	7	6	2	2	2	2	126
Arm and leg	9	—	1	2	1	1	2	2	2	1	1	—	—	—	9
Hand, general	64	1	1	9	9	16	6	8	5	6	3	—	—	—	63
Both hands	213	—	7	24	18	30	27	63	22	11	10	1	—	—	213
Hand and foot	3	—	—	1	—	—	—	1	—	—	—	—	—	—	3
Palm	4	—	—	—	—	—	—	2	—	—	—	—	—	—	4
Back of hand	1	—	1	—	—	—	—	—	—	—	—	—	—	—	1
Thumb	8	—	1	1	2	—	—	1	2	1	—	—	—	—	8
Index finger	4	—	—	—	2	—	—	—	—	—	—	—	—	—	4
Middle finger	4	—	1	2	1	—	—	—	—	—	—	—	—	—	4
Ring finger	5	—	—	—	1	1	1	1	1	—	—	—	—	—	5
Two fingers	5	—	—	—	1	1	1	1	1	1	—	—	—	—	5
Three fingers	4	—	—	—	—	—	2	—	—	—	—	—	—	—	4
Four fingers	5	—	—	—	—	—	—	—	—	—	—	—	—	—	5
One finger, not specified	2	—	—	—	—	—	—	—	—	—	—	—	—	—	2
Two or more fingers on both hands	3	—	—	—	—	—	—	1	1	1	—	—	—	—	3
Both thumbs	2	—	1	—	—	—	—	1	—	—	—	—	—	—	2
One finger on each hand	2	—	—	1	—	—	—	—	—	—	—	—	—	—	2

Lower Extremities.		25	3	4	5	8	1	3	1	22	17	10	25
Hip . . . . .	.	1	—	1	—	—	—	—	—	—	—	—	1
Both ankles . . . . .	.	2	—	—	—	—	—	—	—	—	—	—	2
Knee . . . . .	.	2	1	1	1	1	—	—	—	—	—	—	2
Lower leg . . . . .	.	1	—	—	—	—	—	—	—	—	—	—	1
Leg, general . . . . .	.	4	—	—	—	—	—	—	—	—	—	—	4
Both legs . . . . .	.	8	2	1	3	3	1	1	—	—	—	—	8
Foot . . . . .	.	1	—	—	1	—	—	—	—	—	—	—	1
Ankle . . . . .	.	2	—	—	—	2	—	—	—	—	—	—	2
Both feet . . . . .	.	4	—	1	—	1	—	—	—	—	—	—	4
Body.													
Body, general . . . . .	.	376	25	51	57	40	25	58	21	22	17	10	339
Constitutional . . . . .	.	149	2	21	30	23	16	24	6	4	5	2	145
	.	227	23	30	27	17	9	34	15	18	12	8	194
Total . . . . .	.	61,741	7 1,179	8,586 12,881	8,241 7,938	5,232 10,067	3,814	2,110 1,051	291	60,211			

TABLE IX. — Cases of Infection, by Nature of Injury, July 1, 1929, to June 30, 1930.

NATURE OF INJURY.	Total.	Fatals.	Permanent Partial Disabilities.	Temporary Total Disabilities.
Abrasions, contusions and bruises	907	5	—	902
Burns and scalds	158	1	—	157
Cuts, punctures and lacerations	3,479	25	1	3,453
Dislocations	1	—	—	1
Fractures	9	—	1	8
Sprains and strains	7	1	—	6
All other	1,324	1	2	1,321
Amputations	24	—	24	—
Grand total	5,909	33	28	5,848

TABLE X. — *Causes of Injuries, by Extent of Disability, July 1, 1929, to June 30, 1930.*

CAUSES.	NUMBER OF TABULATABLE INJURIES.					DAYS LOST DUE TO —						
	TEMPORARY DISABILITIES.					PERMANENT DISABILITIES.						
	Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.	Total.	Deaths.	Permanent Total.	Permanent Partial.	Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.
Machinery.	2,983	1,013	1,001	2,222	1,043,638	318,000	12,000	490,000	183,652	18,512	11,642	9,832
Prime Movers.	27	10	14	14	9,111	6,000	—	1,200	1,506	194	147	64
Compressed air motors	14	4	9	7	7,349	6,000	—	300	888	80	97	34
Electric motors and dynamos	4	1	1	4	904	—	—	600	257	21	9	17
Gas and gasoline engines	4	3	3	3	597	—	—	300	198	54	32	13
Steam engines	2	2	—	—	101	—	—	—	62	39	—	—
Other prime movers	3	—	1	—	160	—	—	—	151	—	9	—
POWER-TRANSMISSION APPARATUS.	50	11	10	21	39,317	24,000	—	10,650	4,254	205	113	95
Belts and pulleys	26	6	4	12	10,856	6,000	—	2,550	2,087	112	47	60
Chains and sprockets	5	—	3	2	1,222	—	—	900	278	—	36	8
Cogs, cams, gears, and friction wheels	3	2	2	5	2,899	—	—	2,700	122	35	23	20
Shafts	16	3	1	2	24,340	18,000	—	4,500	1,767	58	8	7
FARM MACHINES.	8	1	2	2	761	—	—	300	403	19	27	12
Miscellaneous machines	6	1	2	2	692	—	—	300	334	19	27	12
Feed and ensilage cutting and shredding machines	2	—	—	—	69	—	—	—	69	—	—	—
ENGINEERING AND CONTRACTING MACHINES.	70	30	15	52	28,220	6,000	6,000	7,650	5,605	539	172	254
Miscellaneous machines	36	10	10	20	13,721	—	—	3,900	3,417	184	110	110
Concrete mixers	23	12	3	19	10,454	6,000	—	2,700	1,413	214	38	89
Grouting machines and cement guns	—	—	—	—	5	—	—	—	—	—	—	5
Pile drivers	1	3	—	—	1,027	—	—	750	277	—	—	—
Road rollers	4	—	—	5	237	—	—	—	164	58	—	—
Rock drills	6	4	1	6	740	—	—	300	334	65	13	28
Well drills	—	1	1	1	36	—	—	—	—	18	11	7
CHEMICAL PRODUCTS MACHINES.	2	1	2	1	232	—	—	—	181	21	26	4
Paints, Varnishes, Dry Colors, Inks and Dyes.	1	—	1	—	147	—	—	—	135	—	12	—
Miscellaneous machines	1	—	1	1	4	—	—	—	—	—	—	4
Grinding machines	—	—	—	—	81	—	—	—	—	—	21	14
Pony and paint mixers	1	1	1	—	—	—	—	—	46	—	—	—

TABLE X. — Cause of Injuries, by Extent of Disability, etc. — Continued.

CAUSES.	NUMBER OF TABULATABLE INJURIES.						DAYS LOST DUE TO —									
	TEMPORARY DISABILITIES.						TEMPORARY DISABILITIES.									
	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	Over 3 Weeks.	1 to 2 Weeks.	7 Days and under.	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.	
Machinery.—Con.																
Food Products Machines.—Con.																
Mixing machines and kettles	17	—	—	2	4	5	3	852	—	—	600	108	99	31	14	
Dough mixers	16	—	—	3	9	—	1	3,360	—	—	2,250	1,079	—	14	17	
Shaping and forming machines	11	—	—	3	4	3	—	1,492	—	—	1,200	234	52	—	6	
Stamping presses (power operated)	7	—	—	—	1	—	—	30	—	—	—	30	—	—	—	
Tobacco working machines	7	—	—	—	—	—	7	33	—	—	—	—	—	—	—	
Labelling machines	1	—	—	—	—	1	—	15	—	—	—	—	15	—	33	
METAL WORKING MACHINES.																
Miscellaneous machines	2,030	5	—	228	598	227	264	202,244	30,000	—	130,400	31,661	4,118	3,054	3,011	
Abrasive wheels	215	1	—	22	67	30	31	20,833	6,000	—	10,200	3,423	575	349	286	
Bending and straightening machines and rolls	421	1	—	12	74	40	55	19,306	6,000	—	7,500	3,473	734	626	973	
Other metal rolls	5	—	—	—	2	1	—	166	—	—	—	140	19	—	7	
Bolt and nut, pipe cutting, threading and tapping machines	11	—	—	—	3	1	2	186	—	—	—	112	19	28	27	
Boring machines or mills (horizontal and vertical)	9	—	—	—	3	—	4	198	—	—	—	139	—	48	11	
Cleaning mills (tumblers and rumbler)	2	—	—	1	—	—	1	310	—	—	300	—	—	10	—	
Drill (drill presses) (radial and upright or goose neck)	156	—	—	8	39	19	25	9,394	—	—	6,000	2,492	345	280	277	
Hammers and Forging Machines.																
Hammers and forging machines, N. O. C.	12	—	—	—	5	1	2	247	—	—	—	191	18	21	17	
Drop hammers	34	1	—	4	9	6	5	12,532	6,000	—	5,850	472	100	62	48	
Forging hammers	17	—	—	2	6	1	2	1,470	—	—	1,050	353	16	28	23	
Swagging machines	2	—	—	—	—	1	1	26	—	—	—	—	17	9	—	
Upsetting machines	3	—	—	1	2	—	—	873	—	—	600	273	—	—	—	
Lathes and Automatic Screw Machines.																
Lathes and automatic screw machines, N. O. C.	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Lathes	147	—	—	9	44	16	18	9,270	—	—	6,450	2,066	280	223	251	
Screw machines	17	—	—	2	4	2	1	818	—	—	600	138	36	14	30	
Turret lathes	12	—	—	—	4	2	1	466	—	—	—	405	32	12	17	

TABLE X. — Causes of Injuries, by Extent of Disability, etc. — Continued.

CAUSES.	NUMBER OF TABULATABLE INJURIES.					DAYS LOST DUE TO —						
	TEMPORARY DISABILITIES.					TEMPORARY DISABILITIES.						
	Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.
Machinery.—Con.												
<i>Leather Working Machines.—Con.</i>												
Heeling machines	12	1	1	8	1,777	—	—	900	811	15	12	39
Trimming machines	6	7	2	4	433	—	—	—	261	121	27	24
Dinking machines	21	4	7	7	1,678	—	—	300	1,186	78	38	32
Nailers and tackers	9	2	3	7	493	—	—	—	396	36	23	23
Skiving machines	11	4	2	7	720	—	—	—	596	72	28	24
Grading and sorting machines	3	—	—	—	709	—	—	300	409	—	—	—
Embossing machines	6	3	1	1	16,121	—	—	15,750	303	51	11	6
<i>Tanneries.</i>												
Miscellaneous machines	71	23	21	41	12,081	—	—	6,750	4,481	411	248	191
Buffing drums	25	10	10	20	7,466	—	—	5,550	1,514	181	116	105
Other drums and paddle vats	7	1	1	3	344	—	—	—	300	18	13	13
Fleshing, shaving and skiving machines	1	—	—	—	89	—	—	—	89	—	—	—
Fur-working machines	19	7	1	10	1,748	—	—	600	977	124	10	37
Hair washing and drying machines	2	—	1	—	12	—	—	—	477	—	12	—
Jacks-felling, glazing, rolling, etc.	10	—	2	2	477	—	—	600	473	—	—	—
Presses and baling machines	—	1	2	—	1,109	—	—	—	15	15	27	9
Setting up or out machines	2	2	2	3	209	—	—	—	135	40	22	12
Splitting machines	5	2	4	2	607	—	—	—	516	33	48	10
Unhairing machines	1	—	4	1	5	—	—	—	—	—	—	5
WOODWORKING MACHINES.												
Miscellaneous machines	394	136	118	256	122,011	18,000	—	79,650	19,381	2,495	1,368	1,117
Bending machines	38	15	15	25	5,725	—	—	3,450	1,733	280	168	94
Boring machines and drills	1	1	—	—	44	—	—	—	57	17	—	—
Broom and brush making machines	19	6	8	8	7,359	6,000	—	300	827	105	93	34
<i>Lathes.</i>												
Lathes, miscellaneous	6	2	6	8	2,617	—	—	2,100	384	34	70	29
Shoe last machines	3	—	—	1	121	—	—	—	117	—	—	—
Spoke lathes	1	—	—	1	35	—	—	—	4	—	—	2
Mortising machines	1	—	—	—	99	—	—	—	99	—	—	—

Presses.

Miscellaneous presses	15	—	—	5	5	2	—	3	2,526	—	—	—	1,950	517	39	—	20
Box board squeezers	6	—	—	1	5	1	3	1	359	—	—	—	300	—	16	38	5
Box nailers	5	—	—	—	—	—	—	—	324	—	—	—	—	324	—	—	—
Edges	4	—	—	—	—	2	—	—	99	—	—	—	—	63	36	—	—
Jointers	31	—	—	8	10	2	4	7	3,853	—	—	—	3,300	429	37	52	35
Matchers	24	—	—	—	13	3	2	6	835	—	—	—	—	727	53	25	30
Molders	39	—	—	5	19	5	4	6	4,329	—	—	—	3,300	872	89	47	21
Planers	185	—	—	27	58	26	15	59	16,126	—	—	—	12,450	2,766	476	169	265
Stickers	4	—	—	—	1	1	2	—	89	—	—	—	—	43	21	25	—
Tenoners	1	—	—	—	1	—	—	—	49	—	—	—	300	49	—	—	—
Sanding machines, N. O. C.	15	—	—	1	4	—	2	8	563	—	—	—	300	207	—	25	31
Surface or drum	7	—	—	1	2	—	—	4	385	—	—	—	300	61	—	—	24

Saws.

Miscellaneous saws	280	—	—	30	105	39	35	71	32,366	—	—	—	29,950	4,996	707	403	310
Band saws	25	—	—	5	10	3	2	4	8,852	6,000	—	—	2,230	500	56	25	21
Band re-saws	3	—	—	2	—	—	1	—	2,114	—	—	—	2,100	—	—	14	—
Jig or scroll	1	—	—	—	—	—	—	1	2	—	—	—	—	—	—	—	2
Saws, N. O. C.	12	—	—	2	5	1	2	2	914	—	—	—	600	265	17	23	9
Circular saws	169	—	—	28	68	21	14	37	30,859	6,000	—	—	20,700	3,444	403	155	157
Dado	2	—	—	—	1	—	—	1	303	—	—	—	—	300	—	—	3
Spring saws	4	—	—	—	2	1	1	—	114	—	—	—	—	88	16	10	—
Shapers, N. O. C.	17	—	—	1	9	3	2	2	730	—	—	—	300	338	52	26	14

PAPER PRODUCTS MACHINES.

Miscellaneous machines	225	—	—	22	83	36	24	60	21,517	—	—	—	14,150	6,153	675	269	270
Paper cup machines	82	—	—	6	34	14	12	16	6,543	—	—	—	3,150	2,926	255	131	81
Tube machines	4	—	—	1	1	1	—	2	1,243	—	—	—	1,200	32	—	—	11
Gluing machines	3	—	—	—	1	—	—	1	58	—	—	—	—	33	21	—	4
Automatic box making machines	36	—	—	2	10	3	5	16	1,276	—	—	—	600	128	—	—	5
Bag and envelope making machines	16	—	—	2	4	3	2	5	2,692	—	—	—	2,300	500	57	53	66
Corner staying machines	10	—	—	1	5	2	—	2	1,070	—	—	—	750	295	54	23	20
Covering machines	2	—	—	—	1	1	—	—	64	—	—	—	—	267	39	—	14
Cutting and punching machines, N.O.C.	11	—	—	2	7	1	1	—	2,471	—	—	—	2,100	337	21	13	—
Die cutters	5	—	—	—	1	2	—	—	114	—	—	—	—	72	37	—	5
Guillotines	12	—	—	—	2	—	—	—	82	—	—	—	—	82	—	—	12
Paper cutter (hand)	8	—	—	3	2	4	—	3	2,254	—	—	—	2,100	64	78	—	—
Punches (presses)	3	—	—	—	2	3	1	2	242	—	—	—	—	159	61	12	10
Rotary cutters	3	—	—	—	2	—	—	1	101	—	—	—	—	97	—	—	4
Saws	1	—	—	—	—	—	—	1	7	—	—	—	—	—	—	—	7
Shears	1	—	—	—	—	—	—	1	6	—	—	—	—	—	—	—	6
Donning machines	3	—	—	1	1	—	—	—	300	—	—	—	300	—	—	—	—
Corrugating machines (not rolls)	3	—	—	1	1	—	—	1	428	—	—	—	300	125	—	—	3
Ending machines	6	—	—	2	2	1	—	1	1,198	—	—	—	1,050	127	17	—	4
Embossing rolls or calenders	5	—	—	1	3	1	—	—	833	—	—	—	300	517	16	—	—
Embossing presses	1	—	—	—	1	—	—	—	13	—	—	—	—	—	—	13	—
Folding presses	10	—	—	—	4	—	2	4	389	—	—	—	—	347	—	24	18

PAPER-MAKING MACHINES.

Miscellaneous	140	—	2	13	58	18	17	32	30,382	12,000	—	—	14,850	2,845	336	196	155
	48	—	1	5	17	5	4	16	11,987	6,000	—	—	4,800	968	91	49	79

TABLE X. — Causes of Injuries, by Extent of Disability, etc. — Continued.

CAUSES.	NUMBER OF TABULATABLE INJURIES.				DAYS LOST DUE TO —										
	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.										
					Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.							
Machinery.—Con.									Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.			7 Days and under.	
PAPER-MAKING MACHINES.—Con.											Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.		
<i>Barkers, Splitters, Grinders, N. O. C.</i>															
Grinders	2	1	1	1	1	5	2	1	30	6,000	—	—	—	—	6
Beaters (including rag washers)	12	1	1	1	2	2	1	2	6,567	—	—	—	35	11	12
Cutters and slitters	33	4	4	4	7	8	6	8	3,126	—	—	—	149	68	33
Paper machines, N. O. C.	2	—	—	—	1	1	1	1	53	—	—	—	40	13	—
Calenders	29	—	1	1	20	3	3	2	3,313	—	2,400	809	61	33	10
Doctors	3	—	—	—	2	1	1	1	86	—	—	76	—	10	3
Driers	9	1	2	2	5	—	—	—	5,208	—	4,800	393	—	12	3
Rolls and winders	2	—	—	—	—	—	—	2	12	—	—	—	—	—	12
PRINTING AND BOOKBINDING MACHINES.															
Composing machines	196	—	16	16	74	36	21	49	14,296	—	9,000	4,195	633	247	221
Lino-types	9	—	—	—	1	1	1	1	44	—	—	19	19	—	—
Type casters	1	—	—	—	4	2	2	1	234	—	—	164	36	27	7
									17	—	—	—	17	—	—
Presses.															
Binding presses	7	—	1	1	2	—	1	3	423	—	—	—	—	14	9
Printing presses	94	—	6	6	42	13	11	22	5,935	—	2,700	2,774	235	130	96
Flat bed cylinder presses	3	—	—	—	1	1	—	1	43	—	—	—	15	—	3
Job platen presses	16	—	2	2	6	2	2	4	850	—	600	175	33	23	19
Web newspaper presses	5	—	—	—	3	2	—	—	340	—	—	306	34	—	—
Sewing machines	3	—	—	—	2	2	1	—	120	—	—	104	16	—	—
Wire stitchers	2	—	—	—	1	1	—	1	4,833	—	4,800	27	—	—	6
Other printing machines	31	—	5	5	4	8	4	10	954	—	600	123	136	43	52
Other bookbinding machines	23	—	2	2	8	5	1	7	503	—	—	372	92	10	29
TEXTILE MACHINES.															
Miscellaneous machines	1,226	6	101	101	479	150	174	316	128,541	36,000	—	57,750	28,606	2,033	1,412
Washers	156	2	18	18	70	12	19	35	31,437	12,000	—	14,550	4,309	211	147
Driers	7	—	3	3	—	—	1	—	3,329	—	—	—	—	14	15
Scouring machines	11	1	—	—	3	2	3	2	6,242	6,000	—	—	160	33	35
Braiding and knitting machines	4	—	—	—	1	1	1	2	54	—	—	—	31	15	8
Carding and combing machines	27	—	—	—	7	4	5	11	399	—	—	221	76	60	42
Cards	2	—	—	—	—	—	—	—	304	—	—	—	—	—	4
Combs	150	1	21	21	56	17	20	35	19,972	6,000	—	10,350	2,917	309	280
Garnett machines.	47	—	9	9	20	4	8	6	4,463	—	—	3,150	70	92	31
	24	—	2	2	5	5	2	10	953	—	—	600	89	23	36

Slubbers	9	5	2	—	2	—	4	2	—	2,223	—	—	—	1,950	249	—	24	—
Speeders	28	4	10	4	—	—	—	4	6	3,369	—	—	—	2,400	821	76	46	26
Gill box tenders	5	—	15	—	—	—	—	—	—	312	—	—	—	—	312	—	—	12
Cloth cutting and stamping machines	22	—	14	1	2	—	—	2	4	997	—	—	—	300	642	16	27	16
Folding machines	16	—	7	2	—	—	—	—	5	710	—	—	—	—	634	38	22	—
Coating and inklaying machines	1	—	—	1	—	—	—	—	—	16	—	—	—	—	—	16	—	—
<i>Dyeing, Finishing and Printing Machines.</i>																		
Dyeing and finishing machines	70	4	39	9	8	—	—	8	8	18,945	12,000	—	—	4,350	2,304	163	98	30
Shearing machines	4	1	3	—	—	—	—	—	—	1,999	—	—	—	1,800	199	—	—	—
Lappers	3	—	2	—	1	—	—	—	—	83	—	—	—	—	70	—	13	—
Hat-making machines	10	—	3	2	3	—	—	2	2	176	—	—	—	300	93	36	40	7
Opening and cleaning machines, N. O. C.	2	—	—	1	—	—	—	—	—	316	—	—	—	—	—	16	—	—
Openers	1	—	—	—	1	—	—	1	—	14	—	—	—	—	—	—	—	—
Pickers	45	4	15	9	4	—	—	13	13	2,349	—	—	—	1,200	876	164	50	59
Rag pickers	3	—	1	—	1	—	—	1	1	45	—	—	—	300	28	—	10	7
Presses	4	—	1	—	—	—	—	2	2	347	—	—	—	—	37	—	—	10
Rope making machines	2	—	—	1	1	—	—	1	1	31	—	—	—	—	—	21	—	—
Sewing machines	30	—	4	6	6	—	—	6	14	418	—	—	—	—	177	113	76	52
Spinning machines, N. O. C.	17	—	6	1	2	—	—	6	6	848	—	—	—	600	182	15	26	25
Jacks and mules	26	—	7	6	6	—	—	5	5	1,324	—	—	—	600	530	105	74	15
Spinning frames	68	—	28	10	8	—	—	20	20	2,692	—	—	—	600	1,724	189	86	93
Drawing frames	17	—	7	3	4	—	—	1	1	2,480	—	—	—	2,100	276	52	50	2
Spoolers	20	—	11	1	1	—	—	6	6	1,541	—	—	—	600	877	18	13	33
Twisting machines	19	—	4	1	2	—	—	11	11	2,201	—	—	—	1,800	309	18	22	52
Weaving machines, N. O. C.	20	—	10	1	2	—	—	7	7	502	—	—	—	—	428	18	24	32
Looms	281	—	103	37	41	—	—	85	85	14,385	—	—	—	6,300	6,534	676	466	409
Wire cloth looms	1	—	1	—	—	—	—	—	—	42	—	—	—	—	—	—	—	—
Warpers	13	—	6	1	2	—	—	4	4	307	—	—	—	300	246	19	22	20
Winders, doublers, and quillers	61	—	28	8	13	—	—	11	11	2,716	—	—	—	—	2,053	159	155	49
<i>RUBBER, CELLULOSE, COMPOSITION, PEARL BONE AND TORTOSE SHELL (GOVERNMENT MACHINES).</i>																		
Miscellaneous machines	189	33	64	21	23	—	—	47	47	45,557	6,000	—	—	33,600	5,111	367	277	202
Calenders	91	15	31	8	13	—	—	23	23	17,490	6,000	—	—	8,700	2,403	144	149	94
Comb cutting machines and ornament stagers	22	4	12	2	1	—	—	3	3	10,064	—	—	—	9,000	1,007	30	10	17
Cutting and punching machines	6	—	2	2	1	—	—	1	3	93	—	—	—	—	69	—	12	12
Cutting and slitting machines	12	—	6	2	2	—	—	1	1	572	—	—	—	300	208	36	25	3
Drills (button), etc.	7	—	2	2	1	—	—	2	2	263	—	—	—	—	202	38	14	9
Grinding, washing, milling and cracking machines	15	—	1	—	—	—	—	1	1	106	—	—	—	—	100	—	—	6
Hose making machines	1	—	4	—	1	—	—	6	6	9,453	—	—	—	9,000	408	—	14	31
Mixers (not of calendar type)	4	—	—	—	—	—	—	—	—	300	—	—	—	300	—	—	—	—
Presses, foot and hand operated	9	—	1	2	—	—	—	—	—	4,500	—	—	—	4,050	450	—	—	—
Presses and punches (mechanical)	13	—	1	2	—	—	—	5	5	382	—	—	—	300	32	30	—	20
Rubber band choppers and cutters	1	—	3	4	2	—	—	1	1	1,910	—	—	—	1,650	157	74	25	4
Saws (button), etc.	3	—	—	—	—	—	—	1	1	14	—	—	—	300	—	—	14	3
Tire and tube making machines	2	—	1	—	—	—	—	1	1	317	—	—	—	—	—	—	14	—
Tubing and hose wrapping machines	1	—	—	1	—	—	—	—	—	78	—	—	—	—	75	—	—	—
										15	—	—	—	—	—	15	—	—

TABLE X. — *Causes of Injuries, by Extent of Disability, etc. — Continued.*

CAUSES.	NUMBER OF TABULATABLE INJURIES.				DAYS LOST DUE TO —												
	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.				Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.				
					Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.					Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.	
Machinery.—Con.																	
LAUNDRY MACHINES.																	
Miscellaneous machines	97	1	—	8	53	14	8	13	24,783	6,000	—	15,150	3,238	259	79	45	57
Extractors	31	—	—	3	15	4	4	5	7,854	—	—	6,900	815	70	45	24	24
Ironing machines	17	1	—	—	6	4	2	4	6,315	6,000	—	—	210	73	17	15	15
Body ironers	16	—	1	1	12	2	—	1	4,105	—	—	3,000	1,056	42	—	—	7
Flat work ironers	3	—	—	—	3	—	—	—	4,172	—	—	—	170	—	—	—	2
Mangles	5	—	1	1	2	1	1	—	3,110	—	—	3,000	31	19	—	—	—
Washing machines	4	—	—	2	2	—	—	—	1,218	—	—	750	460	55	8	—	—
	21	—	—	6	13	3	1	2	2,009	—	—	1,500	436	9	9	—	—
MISCELLANEOUS.																	
Office machinery	61	—	—	6	14	8	9	24	4,174	—	—	3,150	676	153	99	96	96
Not specified machinery	13	—	—	1	2	2	1	7	451	—	—	300	76	41	11	23	23
	48	—	—	5	12	6	8	17	3,723	—	—	2,850	600	112	88	73	73
MACHINES OTHER THAN WORKING MACHINES.																	
Fans and blowers	74	—	—	7	25	11	8	23	9,429	—	—	7,800	1,241	211	100	77	77
Pumps	31	—	—	3	10	2	3	13	3,311	—	—	2,700	492	36	38	45	45
Other machines	26	—	—	2	8	6	4	6	2,091	—	—	1,500	400	121	50	20	20
	17	—	—	2	7	3	1	4	4,027	—	—	3,600	349	54	12	12	12
HOISTING APPARATUS.																	
Elevators Controlled (not Construction Elevators).	763	28	1	28	349	77	95	185	230,073	168,000	6,000	23,850	28,850	1,384	1,084	905	905
Cable, breaking	5	—	—	—	2	1	—	2	381	—	—	—	351	16	—	14	14
Cable, unwinding	9	1	—	—	5	—	2	1	7,114	6,000	—	—	1,083	24	—	7	7
Cable, caught by	4	—	1	1	1	—	—	2	1,278	—	—	1,200	69	—	—	9	9
Car, caught between floor and	78	3	3	3	37	10	10	15	23,130	18,000	—	1,800	2,950	178	118	84	84
Car, caught between shaft side and	36	2	1	1	15	3	6	8	20,965	12,000	6,000	1,800	1,009	52	59	45	45
Car, caught between gate and	4	—	1	1	2	—	—	1	437	—	—	300	130	—	—	7	7
Car, struck by in pit	5	2	—	1	1	—	—	2	15,011	12,000	—	3,000	—	—	—	11	11
Caught between car and overhead equipment or top of shaft	3	—	—	—	2	—	—	1	513	—	—	—	510	—	—	3	3
Car, struck by, elsewhere	2	—	—	—	1	—	—	1	44	—	—	—	37	—	—	7	7
Car, sudden stop or start	4	—	—	—	1	—	2	1	59	—	—	—	37	—	19	3	3
Catching of load or part thereof between car and shaft	1	—	—	—	1	—	—	—	164	—	—	—	164	—	—	—	—
Fall of person into shaft, from floor	54	6	—	1	27	6	6	8	41,861	36,000	—	2,400	3,245	110	71	35	35
Fall of person into shaft, from car	1	—	—	—	1	—	—	—	164	—	—	—	164	—	—	—	—
Fall of person into car, from floor	3	—	—	—	2	—	—	1	162	—	—	—	155	—	—	7	7
Gates, not specified	87	—	1	1	25	14	16	31	2,310	—	—	300	1,431	255	180	143	143

Vehicles (not including Construction of).															4,318	74	—	41	1,835	494	623	1,251	636,345	444,000	—	43,800	126,527	9,055	7,225	5,733					
CARS AND ENGINES—SEAM AND ELECTRIC RAILWAYS.																																			
Falls from or in																																			
In getting on or off, in motion																																			
On getting on or off, at rest																																			
While riding on, due to sudden start or stop																																			
While riding on, contact with overhead structure																																			
Falls																																			
Train Wrecks.																																			
Collisions																																			
Derailments																																			
Struck By or Caught Between																																			
While coupling or uncoupling																																			
While switching																																			
While repairing cars or engines																																			
While crossing track																																			
While standing or walking on track																																			
Miscellaneous																																			
Other Causes.																																			
Setting or releasing hand brakes																																			
Objects falling from (not in loading or unloading)																																			
Objects shifting on load																																			
All other																																			
MINE AND QUARRY CARS.																																			
Derailments																																			
Struck by or caught between																																			
All other																																			
PLANT TRUCKS ON TRACKS.																																			
Braking																																			
Caught between truck and overhead ob-																																			
struction																																			
Caught or struck by rope or chain																																			
Caught by car or load in dumping																																			
Collisions																																			
Derailments																																			
Falls from, due to sudden start or stop																																			
Getting on or off																																			
Lifting or pushing car																																			
Riding on, contact with roof																																			
Riding on, contact with rib or side structure																																			
Struck by or caught between, while coup-																																			
ling or switching																																			
Struck by																																			
Struck or caught between																																			
Falls																																			

TABLE X. — *Causes of Injuries, by Extent of Disability, etc.* — Continued.

NUMBER OF TABULATABLE INJURIES.				DAYS LOST DUE TO —							
CAUSES.	TEMPORARY DISABILITIES.				PERMANENT TOTAL DISABILITIES.						
	Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.			
								Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.
Vehicles (not including Construction of).—Cont.											
Automobiles and Other Power Vehicles.	3,350	47	—	27			27,900	99,633	7,186	5,529	4,439
Breaking of car or part not resulting in collision or overturning	5	—	—	—	—	—	—	89	—	13	8
Collisions, skidding	73	4	—	—	—	—	—	1,364	73	147	120
Collisions, breaking of parts	19	—	1	—	—	—	300	1,034	74	—	32
Collisions, all other	395	9	—	4	—	—	6,900	11,115	796	856	524
Collisions with cars or engines	58	3	—	23	15	—	18,000	19,979	205	72	83
Cracking	639	1	—	289	69	224	26,437	17,293	1,885	769	990
Engines, N. O. C.	2	—	—	1	—	—	81	70	—	11	—
Falls from	635	7	3	310	56	167	78,026	23,245	1,038	1,063	780
Mechanical unloading	29	1	1	10	4	8	2,527	539	75	74	39
Objects falling from	108	1	1	54	9	32	3,848	3,108	166	137	137
Objects shifting on load	11	—	—	4	1	5	489	436	16	11	26
Overturning, skidding	28	2	1	14	3	4	13,683	12,000	1,272	55	39
Overturning, breaking of parts	7	—	—	2	1	2	464	114	21	24	5
Overturning, all other	58	2	—	17	10	11	13,984	1,286	187	130	81
Struck by	473	17	3	237	51	67	128,271	20,128	936	826	481
All other	754	1	11	264	114	250	30,818	16,526	2,068	1,288	1,036
Bicycles	56	—	—	7	4	5	546	365	70	56	35
Aeroplanes	10	1	—	3	1	4	6,189	6,000	130	21	13
ANIMAL-DRAWN VEHICLES.	463	8	5	221	48	106	72,124	14,415	879	862	468
Breaking of parts	6	—	—	4	1	1	233	217	—	14	2
Collisions with cars or engines	7	—	—	3	2	1	417	360	41	13	3
Collisions with other vehicles	59	2	—	25	8	13	14,390	2,021	155	154	60
Collisions with stationary objects	1	—	—	—	1	—	11	—	—	11	—
Falls from	205	3	2	105	16	34	28,040	5,901	282	362	195
Mechanical unloading	1	—	—	—	—	—	7	—	—	—	7
Objects falling from (not in loading or unloading)	14	—	—	—	—	—	—	—	—	—	—
Objects shifting on load	5	1	—	—	3	3	458	351	57	38	12
Overturning	16	—	1	9	1	1	6,486	450	21	13	2
Struck by	39	—	1	18	6	4	1,494	844	17	14	19
All other	91	1	2	40	9	16	12,184	1,069	101	145	107

ANIMAL-DRAWN IMPLEMENTS (NOT MACHINERY)

	19	1	—	—	11	2	—	5	7,150	6,000	—	—	1,089	39	—	22
WATER CRAFT.																
Falls from, or jumping overboard . . .	16	—	—	—	7	2	2	5	612	—	—	—	537	34	19	22
Fall into hatchway	6	—	—	—	1	1	1	3	68	—	—	—	23	18	11	16
All other	1	—	—	—	—	—	—	—	8	—	—	—	—	—	8	—
	9	—	—	—	6	1	1	2	536	—	—	—	514	16	—	6
ALL OTHER VEHICLES.																
N. O. C.	6	—	—	—	1	—	—	5	121	—	—	—	97	—	—	24
Explosions, Electricity, Fires and Hot																
Explosions, Substances.	2,672	53	1	25	863	373	426	931	417,987	318,000	6,000	31,350	46,745	6,782	4,956	4,154
BOILERS AND STEAM-PRESSURE APPARATUS.																
Economizers and superheaters, explosions of	3	—	—	—	—	—	1	2	22	—	—	—	—	—	8	14
Economizers and superheaters, all other causes	3	—	—	—	1	3	—	2	49	—	—	—	44	—	—	5
Steam boilers, explosions of	5	—	—	—	1	1	—	1	509	—	—	—	450	57	—	2
Steam boilers, escaping steam and hot water	24	1	—	—	6	8	4	5	6,495	6,000	—	—	282	142	54	17
Steam boilers, all other causes	16	1	—	—	9	1	2	3	6,579	6,000	—	—	525	19	27	8
Steam pipes, explosions of	1	—	—	—	—	—	—	—	8	—	—	—	—	—	8	—
Steam pipes, all other causes	19	—	—	—	7	3	3	6	401	—	—	—	284	52	39	26
Steam and hot water gauges, all other causes	5	—	—	—	2	1	—	2	277	—	—	—	250	17	—	10
Other steam pressure apparatus, explosions of	2	—	—	—	1	1	—	—	44	—	—	—	29	15	—	—
Other steam pressure apparatus, all other causes	27	—	—	—	5	3	6	13	384	—	—	—	189	60	77	58
EXPLOSIONS OF EXPLOSIVE SUBSTANCES.																
Blasting	15	—	—	—	7	2	3	3	1,164	—	—	—	1,087	37	30	10
Misfires and delayed shot	2	—	1	—	—	—	—	1	1,803	—	—	1,800	—	—	—	3
Premature shot	1	—	—	—	—	1	—	—	17	—	—	—	—	17	—	—
Tamping	1	—	—	—	—	—	—	1	6	—	—	—	—	—	6	—
All other	3	2	—	—	—	—	1	—	12,013	12,000	—	—	—	—	13	—
Dust	8	—	—	—	1	1	—	6	74	—	—	—	—	15	—	28
Explosives, manufacturing and storing	1	—	—	—	—	1	—	—	21	—	—	—	31	21	—	—
Explosives, transportation and handling	9	6	—	—	3	—	—	—	36,202	36,000	—	—	202	—	—	—
Gas	57	1	—	—	23	5	12	16	7,860	6,000	—	—	1,569	92	131	68
Gasoline and other petroleum products	44	3	—	—	19	7	10	5	20,302	18,000	—	—	2,048	131	98	25
All other	41	2	—	—	13	5	7	14	13,071	12,000	—	—	841	92	77	61
OTHER EXPLOSIONS.																
Ammonia apparatus	1	1	—	—	—	—	—	—	6,000	6,000	—	—	—	—	—	—
Other high pressure apparatus	9	—	—	2	5	1	—	1	3,783	—	—	3,600	162	18	—	3
All other	32	3	—	1	10	1	7	10	19,819	18,000	—	300	1,375	16	78	50
Electricity	215	25	1	10	70	21	28	60	170,799	150,000	6,000	9,750	4,093	377	301	278
Conflagrations	5	1	—	—	1	—	1	2	6,327	6,000	—	—	310	—	13	6

TABLE X. — *Causes of Injuries, by Extent of Disability, etc. — Continued.*

CAUSES.	NUMBER OF TABULATABLE INJURIES.				DAYS LOST DUE TO —						
	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.			7 Days and under.				
				Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.					
Explosions, Electricity, Fires and Hot Substances.—Con.											
Hot SUBSTANCES AND FLAMES.											
Asphalt, pitch and tar	105	—	—	45	16	20	24	2,807	—	—	—
Flames, clothing	42	4	—	20	5	3	10	25,774	24,000	—	—
All other	207	2	—	68	31	43	61	18,929	12,000	1,200	—
Hot surfaces, contact with	138	—	—	40	23	24	51	2,496	—	—	—
Hot water	270	—	—	92	52	52	74	5,439	—	—	—
Metal not molten, handling of	5	—	—	3	1	—	1	188	—	—	—
Metal molten, explosions of	4	—	—	2	—	2	—	76	—	—	—
Molten metal, at furnace or eupola	12	—	—	7	—	—	—	281	—	—	—
Molten metal, pouring	73	—	—	37	5	8	23	1,656	—	—	—
Molten metal or slag, all others	104	—	1	48	15	11	29	4,738	—	1,800	—
Oxyacetylene or electric cutting and welding	30	—	—	7	2	2	19	474	—	—	—
Radiant heat from incandescent metal	1	—	—	1	—	—	—	155	—	—	—
Other hot liquids	168	—	—	58	19	20	70	5,049	—	1,800	—
Other hot objects	113	—	—	30	10	20	53	1,828	—	—	—
Sand, ashes, cinders, grease, fat, flying particles	241	—	2	61	33	34	111	8,083	—	3,600	—
Acids	440	1	4	115	64	68	188	21,863	6,000	7,200	—
All other	170	—	1	45	32	31	61	4,120	—	300	—
Falls of Persons.	9,970	80	2	4,355	1,141	1,205	3,143	963,857	480,000	12,000	63,600
FROM ELEVATIONS.											
Benches, boxes, chairs and tables	295	—	3	122	40	41	89	14,716	—	—	4,200
Boilers, engines and machines	88	3	1	38	13	11	22	22,950	18,000	—	1,800
Bridges, dams and decks (not in construction or demolition)	2	—	—	2	—	—	—	525	—	—	—
Building in construction or demolition not elsewhere specified	40	10	1	21	4	2	2	63,045	60,000	—	600
Cranes, derricks, elevators and hoists in erecting or rigging	4	—	—	2	1	1	—	337	—	—	—
Elevated bins, pockets and tanks	3	—	—	2	—	—	1	155	—	—	—
Floor, temporary	5	—	—	4	1	—	—	467	—	—	—
Flour, temporary	7	—	—	3	1	1	2	178	—	—	—
Flour, planks	—	—	—	—	—	—	—	—	—	—	—
Flour, stairs	—	—	—	—	—	—	—	—	—	—	—
Flour, trucks	—	—	—	—	—	—	—	—	—	—	—
Flour, windows	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, elevators and hoists in erecting or rigging	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, pockets and tanks	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, temporary	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, planks	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, stairs	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, trucks	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, windows	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, elevators and hoists in erecting or rigging	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, pockets and tanks	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, temporary	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, planks	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, stairs	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, trucks	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, windows	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, elevators and hoists in erecting or rigging	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, pockets and tanks	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, temporary	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, planks	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, stairs	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, trucks	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, windows	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, elevators and hoists in erecting or rigging	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, pockets and tanks	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, temporary	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, planks	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, stairs	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, trucks	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, windows	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, elevators and hoists in erecting or rigging	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, pockets and tanks	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, temporary	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, planks	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, stairs	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, trucks	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, windows	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, elevators and hoists in erecting or rigging	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, pockets and tanks	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, temporary	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, planks	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, stairs	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, trucks	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, windows	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, elevators and hoists in erecting or rigging	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, pockets and tanks	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, temporary	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, planks	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, stairs	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, trucks	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, windows	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, elevators and hoists in erecting or rigging	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, pockets and tanks	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, temporary	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, planks	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, stairs	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, trucks	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, windows	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, elevators and hoists in erecting or rigging	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, pockets and tanks	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, temporary	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, planks	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, stairs	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, trucks	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, windows	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, elevators and hoists in erecting or rigging	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, pockets and tanks	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, temporary	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, planks	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, stairs	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, trucks	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, windows	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, elevators and hoists in erecting or rigging	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, pockets and tanks	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, temporary	—	—	—	—	—	—	—	—	—	—	—
Flour, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workbenches, workben											

Ladders.

Breaking of ladder or parts	66	-	-	40	8	2	16	4,813	18,000	-	-	4,582	142	21	68
Shipping, twisting or fall of ladder	266	3	1	144	24	16	76	40,900	-	6,000	-	13,516	455	190	339
Knocked off ladder	2	-	-	-	-	1	1	17	-	-	-	-	-	14	3
All other	550	7	-	270	65	51	154	72,317	42,000	-	-	21,821	1,179	612	705
Loading platforms	75	1	-	34	10	9	20	11,763	6,000	-	-	2,855	174	101	103
Piles	87	-	1	46	11	11	17	11,026	-	6,000	-	4,014	202	138	72
Poles and trees	99	-	-	59	8	5	17	42,970	36,000	-	-	6,636	141	105	88
Roots	86	-	1	53	5	5	16	45,718	36,000	-	-	7,089	91	56	82
Runways, balconies and platforms (not loading platforms)	113	-	2	51	17	10	31	22,766	12,000	-	-	4,508	304	116	138
<i>Scaffolds and Slagings.</i>															
Breaking or shipping	158	3	-	101	12	20	18	33,910	18,000	-	-	13,256	230	245	79
Breaking of tackle or support	16	1	-	8	-	2	5	7,476	6,000	-	-	1,426	-	26	24
Tilting or sagging	4	-	-	4	4	-	-	931	-	-	-	931	-	-	-
Tilting or falling of loose plank	50	1	-	19	4	7	19	8,861	6,000	-	-	2,822	73	77	89
All other	337	13	-	197	25	34	64	105,415	78,000	-	-	22,683	447	383	302
Stairs and steps	1,594	7	-	650	173	216	545	111,112	42,000	-	-	58,302	3,160	2,478	2,472
Trunways and trestles	6	-	3	4	1	1	-	473	-	-	-	448	17	8	33
Trunways and wall openings	40	-	2	21	2	3	8	32,604	24,000	-	-	2,500	32	39	519
Windows and wall openings	343	4	-	142	38	45	113	37,328	24,000	-	-	10,997	696	516	33
All other	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>INTO EXCAVATIONS, PITS AND SHAFTS.</i>															
Bins and vats, containing hot or corrosive substances	8	1	-	6	1	-	-	6,379	6,000	-	-	359	20	-	-
Bins and vats, all other	59	-	-	25	7	7	20	2,093	-	-	-	1,800	128	80	85
Floor openings (not elevator shafts)	154	1	-	63	16	26	47	11,894	6,000	-	-	4,174	289	310	221
Manholes	11	-	-	4	2	1	4	545	-	-	-	479	35	14	17
Excavations	143	-	-	77	16	15	33	20,087	12,000	-	-	7,449	292	175	171
<i>ON LEVEL.</i>															
Shipping	2,906	4	-	1,273	371	373	937	138,746	24,000	-	-	87,352	6,794	4,243	4,457
Stumbling over fixed objects	199	-	-	89	36	22	52	8,040	-	-	-	6,916	638	247	239
Stumbling over loose objects	876	-	-	288	103	102	360	33,004	-	-	-	21,122	1,878	1,186	1,618
All other	70	-	-	275	84	102	287	22,680	-	-	-	17,133	1,523	1,172	1,352
Slipping on wet floors	488	1	-	218	42	59	167	29,616	6,000	-	-	18,996	766	693	761
Stepping on or Striking against Objects.	4,911	6	1	1,233	662	746	2,280	154,388	36,000	6,000	15,750	66,222	12,044	8,600	9,772
Nails	1,362	1	-	138	163	206	852	22,756	6,000	-	-	6,902	2,905	2,349	3,550
All other sharp objects	207	-	-	43	23	39	102	3,564	-	-	-	2,223	440	440	461
<i>STRIKING AGAINST OBJECTS.</i>															
Fellow-employee	63	1	-	18	8	9	27	7,500	6,000	-	-	1,144	149	97	110
Nails	384	3	-	71	56	60	195	7,389	-	-	-	3,568	978	723	920
Other fixed objects	1,119	4	-	396	152	180	387	51,740	18,000	6,000	1,200	21,240	2,805	2,080	1,615
Splinters or sharp projections from walls or structures	364	1	-	106	54	65	136	18,743	6,000	-	-	5,629	981	755	578
All other objects	1,442	-	-	461	206	187	581	42,696	-	-	-	25,516	3,786	2,156	2,538

TABLE X. — *Causes of Injuries, by Extent of Disability, etc.* — Continued.

CAUSES.	NUMBER OF TABULATABLE INJURIES.					DAYS LOST DUE TO —						
	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.							
					Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.				
Falling Objects (not being handled by Injured).	3,136	15	—	28	1,340	404	395	954	95,907	7,370	4,644	4,149
COLLAPSE OF												
Building and walls	15	1	—	—	7	2	1	4	1,573	39	8	18
Chutes, conveyors and slides	8	—	—	—	6	—	1	1	614	—	—	6
Piles (stacked, stored or piled up material)	41	1	—	—	21	5	3	11	1,568	86	36	43
Scaffolds or stagings	14	—	—	—	7	2	1	4	274	36	12	17
All other	26	—	—	—	10	1	1	14	793	16	10	64
FROM ELEVATIONS.												
Bins and pockets	2	—	—	—	1	—	—	1	27	—	—	4
Buildings in course of construction or demolition	59	2	—	2	26	11	10	8	3,252	185	125	30
Buildings not in course of construction or demolition	4	—	—	—	1	2	1	—	36	39	11	—
Chutes, conveyors, slides and screens	34	—	—	—	18	5	4	7	1,526	96	43	36
Floor openings—in building construction	2	—	—	—	1	—	—	—	71	—	8	—
Floor openings—in elevator shafts)	1	—	—	—	—	—	—	—	—	—	—	2
Machines and workbenches	474	1	—	5	189	78	71	131	9,924	1,453	847	549
Piles (stacked, stored or piled up material)	109	1	—	—	45	12	16	34	3,592	220	183	137
Racks or shelves	48	—	—	—	14	7	8	19	1,227	127	102	84
Runways, balconies and platforms	23	—	—	—	7	4	3	9	530	73	28	43
Scaffolds and stagings	42	—	—	—	15	4	5	18	1,356	78	61	68
Other elevations	891	2	—	9	349	104	110	317	22,146	1,871	1,277	1,421
Objects dropped by person other than injured person	178	—	—	1	85	21	16	55	5,176	375	198	242
TREES.												
Limbs, not in felling trees	11	—	—	—	3	3	1	4	109	56	11	17
Trees in felling	34	1	—	1	20	5	2	5	2,719	94	24	14
Trees, kick backs of, in felling	3	—	—	—	2	—	—	1	170	—	—	3
Trees, not in felling	6	—	—	—	4	—	—	2	1,051	—	—	13
Objects tipping over	788	2	—	6	325	108	108	239	22,010	1,960	1,279	1,012

TABLE XI.—Machinery—Frequency of Injuries, by Manner of Occurrence and by Part of Machine, July 1, 1929, to June 30, 1930

MANNER OF OCCURRENCE.		PART OF MACHINE ON WHICH ACCIDENT OCCURRED.											
Total.		Point of Operation.	Belts.	Crank or Eccentrics.	Flywheels.	Gears.	Set Screws, Keys and Bolts.	Counter weights.	All other.				
Wrestling, sparring and horseplay	10	—	1	—	68	—	—	—	21	—	47		
All other	1,979	14	215	276	127,644	84,000	—	29,355	3,966	3,208	4,415		
Asphyxiation	16	—	2	4	6,133	6,000	—	50	—	47	36		
Occupational Diseases.													
All other	1,115	13	153	156	140,521	78,000	—	39,340	2,756	1,846	1,179		
Anthrax	324	3	129	47	19,819	6,000	—	8,944	824	567	484		
Dermatitis	8	—	7	—	1,011	—	—	411	—	—	—		
Eczema	334	—	46	33	17,429	—	—	15,967	856	404	202		
Lead poisoning	34	—	18	10	3	1,450	—	1,203	198	36	13		
Poison ivy	74	3	57	6	4	3	—	5,530	119	45	10		
Tuberculosis (including stone cutter's consumption)	185	1	50	33	49	52	—	2,319	573	566	252		
Gas	34	6	8	—	—	50,300	36,000	12,000	2,300	—	—		
Benzol	91	2	22	8	13	45	—	600	1,492	133	141		
Carbon monoxide gas	30	—	1	—	—	300	—	300	—	—	186		
Grand total	61,741	344	7,937	8,241	21,467	4,803,557	2,064,000	42,000	885,700	1,475,295	144,923	95,702	95,937

TABLE XI.—Machinery—Frequency of Injuries, by Manner of Occurrence and by Part of Machine, July 1, 1929, to June 30, 1930												
MANNER OF OCCURRENCE.		PART OF MACHINE ON WHICH ACCIDENT OCCURRED.										
Total.		Point of Operation.	Belts.	Crank or Eccentrics.	Flywheels.	Gears.	Set Screws, Keys and Bolts.	Counter weights.	All other.			
Adjusting machine, tool or work	589	377	103	3	3	24	5	—	74			
Starting, stopping or operating machine	3,901	3,490	54	45	8	71	3	—	230			
Cleaning or oiling machine	498	266	37	—	1	65	—	—	129			
Repairing machine	124	55	20	—	1	11	—	—	37			
Breaking of machine tool, or work	241	158	27	4	3	3	—	—	49			
Flying objects	658	622	3	1	—	1	1	1	27			
All other	1,990	223	42	16	3	43	5	—	1,658			
Grand total	8,001	5,191	286	69	18	218	14	1	2,204			

MANNER OF OCCURRENCE.

Total.

PART OF MACHINE ON WHICH ACCIDENT OCCURRED.

Total.

Adjusting machine, tool or work	589	377	103	3	3	24	5	—	74
Starting, stopping or operating machine	3,901	3,490	54	45	8	71	3	—	230
Cleaning or oiling machine	496	266	37	—	1	65	—	—	129
Repairing machine	124	55	20	—	1	11	—	—	37
Breaking of machine tool, or work	241	158	27	4	—	3	—	—	49
Flying objects	658	622	3	1	2	1	1	1	27
All other	1,990	223	42	16	3	43	5	—	1,658
Grand total	8,001	5,191	286	69	18	218	14	1	2,204

TABLE XII. — Study showing Conditions of Dependents in Uninsured Fatal Cases, July 1, 1929, to June 30, 1930.

Industries.	Occupation.	Age.	Wage.	Amount payable in Analogous Cases.	Dependents	Settlement.	Financial Condition.
Steam railroad	Crossing tender	69	\$21 30	\$250 00	None	—	Widower, no dependents.
Telephone and telegraph	Lineman	25	30 00	250 00	None	—	Single man, no dependents.
Hospital	Extractor man	67	17 00	4,000 00	Widow	\$520 00	Employer to pay widow ten dollars (\$10.00) a week for one year. Very poor financial condition.
Steam railroad	Laborer	45	19 20	250 00	None	—	Single man, no dependents.
Manufacturers of pig iron	Furnace man	43	31 50	6,400 00	Widow and five children	4,500 00	Fair financial circumstances.
Steam railroad	Track foreman	54	25 00	4,800 00	Widow and one child	—	No further information available.
Hospital	Engineer	27	30 00	250 00	None	—	Single man, no dependents.
Teaming	Laborer	42	27 00	4,000 00	Widow	None	Very poor financial condition.
Steam railroad	Fireman	46	40 00	4,000 00	Widow	None	No further information available.
Painting	Painter	45	40 00	4,000 00	Widow	—	Poor financial condition.
Express	Floorman	30	39 00	4,000 00	Widow	1,000 00	Widower, no dependents.
Steam railroad	Signal maintainer	65	38 16	250 00	None	—	Single man, no dependents.
Steam railroad	Yard helper	26	39 72	250 00	None	—	Very good financial circumstances.
Manufacturing of explosives	Laborer	45	20 00	5,600 00	Widow and two children	6,400 00	Widow has remarried. No further information available.
Manufacturing of explosives	Teamster	23	24 00	1,500 00	Widow	6,400 00	Single man, no dependents.
Manufacturing of explosives	Laborer	49	20 00	250 00	None	300 00	No further information available.
Steam railroad	Conductor	51	50 00	4,800 00	Widow and one child	—	Fair financial circumstances.
Steam railroad	Bridgeman	26	28 32	5,600 00	Widow and two children	—	Widower, two children in Russia. No further information available.
Steam railroad	Section apprentice	43	25 34	4,000 00	Two children	—	Single man, no dependents.
Manufacturing of explosives	Laborer	21	25 00	250 00	None	—	Very poor financial circumstances.
Dealer in used cars	Laborer	38	40 00	6,400 00	Widow and four children	None	No further information available.
Express	Car sorter and loader	37	33 06	5,600 00	Widow and two children	None	No further information available.
Dealer in used cars	Porter	35	20 00	4,000 00	Widow	—	No further information available.
Telephone and telegraph	Messenger	16	8 00	2,665 00	Parents	—	No further information available.
Ice delivery	Helper	50	30 00	250 00	None	—	Single man, no dependents.
Steam railroad	Car inspector	47	40 88	4,800 00	Widow and one child	—	No further information available.
Window cleaner	Helper	35	30 00	6,400 00	Widow and seven children	—	Dependents receiving help from city.
Cabinet maker	Apprentice	16	3 00	2,000 00	Father and mother	—	Suit pending. Very poor financial condition.
Manufacturing of coke	Carpenter	81	30 00	250 00	None	—	Single, no dependents.
Hospital	Kitchen worker	20	21 00	250 00	None	—	No further information available.
Steam railroad	Laborer	60	19 20	250 00	Widow	—	No further information available.
Building contractor	Laborer	50	32 00	4,000 00	Widow	—	Settled for \$1,000.00. Very poor financial condition.
Steam railroad	Section laborer	50	19 20	4,800 00	Widow and one child	1,000 00	No further information available.
Steam railroad	Freight trainman	38	53 87	6,400 00	Widow and three children	—	Suit pending. Very poor circumstances. Receiving aid from town.
Steam railroad	Assistant painter foreman	43	33 06	5,600 00	Widow and two children	None	

TABLE XIII. — *Conjugal Condition and Dependency in Cases of Fatal Injuries, July 1, 1929, to June 30, 1930.*

INDUSTRIES.	CONJUGAL CONDITIONS.				DEPENDENCY.		
	Single.	Married.	Widowed.	Divorced.	NUMBER OF CASES.		NUMBER OF PERSONS.
					Whole De-pendency.	Partial De-pendency.	
Agriculture, Forestry, and Animal Husbandry.	3	3	—	—	2	3	3
Agriculture	1	3	—	—	2	1	3
Forestry	1	—	—	—	—	1	1
Animal husbandry	1	—	—	—	—	1	2
Extraction of Minerals.	—	3	—	—	3	—	5
Quarrying	—	3	—	—	3	—	5
Building Trades.	24	43	4	1	48	16	132
Hand trades	24	43	4	1	48	16	132
Chemical and Allied Products.	2	4	—	—	5	—	10
Powder, cartridges, fireworks, etc., makers	2	2	—	—	3	—	6
Other chemical workers	—	2	—	—	2	—	4
Clay, Glass and Stone Products.	—	4	2	—	5	—	10
Brickmakers	—	1	—	—	1	—	2
Marble and stone cutters	—	3	2	—	4	—	8
Food and Kindred Products.	—	4	—	—	4	—	10
Candy, confectionery	—	1	—	—	1	—	1
Slaughtering and packing houses	—	2	—	—	2	—	4
Other food preparers	—	1	—	—	1	—	5
Iron and Steel and Their Products.	6	17	4	—	19	3	41
Automobile factories	3	2	—	—	3	1	5
Car and railroad shops	—	1	—	—	1	—	2
Foundries and metal working, tools	1	5	1	—	5	1	14
Ship and boat building	—	3	—	—	3	—	6
Other iron and steel workers	2	6	3	—	7	1	15
Leather and Its Finished Products.	1	4	1	—	3	1	4
Shoes	—	1	—	—	—	1	—
Tanneries	1	3	1	—	3	1	4

TABLE XIII. — *Conjugal Condition and Dependency in Cases of Fatal Injuries, etc.* — Concluded.

INDUSTRIES.	CONJUGAL CONDITION.			DEPENDENCY.			
	Single.	Married.	Widowed. Divorced.	NUMBER OF CASES.		NUMBER OF PERSONS.	
				Whole De- pendency.	Partial De- pendency.	Whole De- pendents.	Partial De- pendents.
Lumber and Its Re-manufacture.							
Box makers (wood)	2	5	—	6	1	23	—
Furniture	—	1	—	1	—	2	—
Other wood workers	2	3	—	4	1	15	—
	—	1	—	1	—	6	—
Metal and Metal Products Other Than Iron and Steel.							
Lead and zinc factories, plumbers' supplies	1	2	1	3	1	7	1
Tin-plate factories	—	1	—	1	—	5	—
Copper and brass factories	1	1	—	1	—	1	—
	—	1	1	1	—	1	1
Paper.							
Paper and pulp mills	2	4	—	4	2	8	2
Other paper goods	1	2	—	2	1	2	1
	1	2	—	2	1	6	1
Printing and Bookbinding.							
Printing and publishing establishments	—	2	—	2	—	6	—
	—	2	—	2	—	6	—
Textiles.							
Cotton mills	4	15	1	15	4	29	7
Dyeing and finishing textiles	2	8	1	9	2	16	3
Print works	2	1	—	1	2	1	4
Woolen mills	—	1	—	1	—	4	—
Not specified textile workers	—	4	—	3	—	7	—
	—	1	—	1	—	1	—
Miscellaneous Industries.							
Cigars and tobacco	11	25	1	27	10	57	11
Electric light and power companies	—	1	—	1	—	7	—
Electrical supplies	1	6	—	6	—	10	1
Gas works	1	7	—	7	—	12	1
Oil works	—	—	1	1	—	1	—
Rubber factories	2	4	—	4	—	10	2
Gas and electric companies	2	2	—	2	—	6	—
Other miscellaneous industries and occupations	1	3	—	3	—	8	1
	4	2	—	3	3	3	4
Transportation, Road, Etc.							
Water transportation	19	42	4	47	7	103	9
Road, street, bridge, construction of	—	—	1	—	—	—	—
Truck, transfer, cab and hack companies, garages	11	22	—	25	3	59	4
Street railways	6	7	—	8	4	14	5
Steam railroads	2	4	3	4	—	8	—
	—	9	—	10	—	22	—

Aeroplane Transportation.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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TABLE XIV. — *Specific Injury Cases, by Age of Persons Injured, July 1, 1929, to June 30, 1930.*

Age.	One Eye.	Left or Minor Hand or Arm.	One Foot or Leg.	Two or More Fingers on Left Hand or Two or More Fingers on Right Hand.	Two or More Toes on One Foot.	One Finger or Thumb on Left Hand or Middle, Ring, Index or Little Finger on Right Hand.	One Toe.	Two or More Fingers or Thumbs and Fingers on Both Hands.	One Finger or Thumb on One Hand and One Finger or Thumb on Other.	Right or Major Hand or Arm.	Right or Major Thumb at or Above Second Joint.	Right or Major Index Finger at or Above Second Joint.	Right Thumb, One Phalange Lost.	Right Thumb at First Joint and Right Index Finger at Second Joint.	Right Thumb at First Joint and One or More Fingers.	Both Legs.	Total.
14	5	1	1	1 2 1 2 3 1 2 1 3 4 1 1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1 2 1 2 3 1 2 1 3 4 1 1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1 2 1 2 3 1 2 1 3 4 1 1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1 2 1 2 3 1 2 1 3 4 1 1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1 2 1 2 3 1 2 1 3 4 1 1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1 2 1 2 3 1 2 1 3 4 1 1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1 2 1 2 3 1 2 1 3 4 1 1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1 2 1 2 3 1 2 1 3 4 1 1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1 2 1 2 3 1 2 1 3 4 1 1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1 2 1 2 3 1 2 1 3 4 1 1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1 2 1 2 3 1 2 1 3 4 1 1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1 2 1 2 3 1 2 1 3 4 1 1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1 2 1 2 3 1 2 1 3 4 1 1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1 2 1 2 3 1 2 1 3 4 1 1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1 2 1 2 3 1 2 1 3 4 1 1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1 2 1 2 3 1 2 1 3 4 1 1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1 2 1 2 3 1 2 1 3 4 1 1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1 2 1 2 3 1 2 1 3 4 1 1	1	1	1	1	1	1	1	1	1	1	1	1	1
32	1	1	1	1 2 1 2 3 1 2 1 3 4 1 1	1	1	1	1	1	1	1	1	1	1	1	1	1
33	1	1	1	1 2 1 2 3 1 2 1 3 4 1 1	1	1	1	1	1	1	1	1	1	1	1	1	1
34	1	1	1	1 2 1 2 3 1 2 1 3 4 1 1	1	1	1	1	1	1	1	1	1	1	1	1	1
35	1	1	1	1 2 1 2 3 1 2 1 3 4 1 1	1	1	1	1	1	1	1	1	1	1	1	1	1
36	1	1	1	1 2 1 2 3 1 2 1 3 4 1 1	1	1	1	1	1	1	1	1	1	1	1	1	1
37	1	1	1	1 2 1 2 3 1 2 1 3 4 1 1	1	1	1	1	1	1	1	1	1	1	1	1	1
38	1	1	1	1 2 1 2 3 1 2 1 3 4 1 1	1	1	1	1	1	1	1	1	1	1	1	1	1
39	1	1	1	1 2 1 2 3 1 2 1 3 4 1 1	1	1	1	1	1	1	1	1	1	1	1	1	1
40	1	1	1	1 2 1 2 3 1 2 1 3 4 1 1	1	1	1	1	1	1	1	1	1	1	1	1	1
41	1	1	1	1 2 1 2 3 1 2 1 3 4 1 1	1	1	1	1	1	1	1	1	1	1	1	1	1
42	1	1	1	1 2 1 2 3 1 2 1 3 4 1 1	1	1	1	1	1	1	1	1	1	1	1	1	1
43	1	1	1	1 2 1 2 3 1 2 1 3 4 1 1	1	1	1	1	1	1	1	1	1	1	1	1	1
44	1	1	1	1 2 1 2 3 1 2 1 3 4 1 1	1	1	1	1	1	1	1	1	1	1	1	1	1
45	1	1	1	1 2 1 2 3 1 2 1 3 4 1 1	1	1	1	1	1	1	1	1	1	1	1	1	1
46	1	1	1	1 2 1 2 3 1 2 1 3 4 1 1	1	1	1	1	1	1	1	1	1	1	1	1	1
47	1	1	1	1 2 1 2 3 1 2 1 3 4 1 1	1	1	1	1	1	1	1	1	1	1	1	1	1
48	1	1	1	1 2 1 2 3 1 2 1 3 4 1 1	1	1	1	1	1	1	1	1	1	1	1	1	1

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The Commonwealth of Massachusetts

DEPARTMENT OF INDUSTRIAL ACCIDENTS.
Room 272, State House, Boston, April 20, 1932.

To the Honorable Senate and House of Representatives:

The Department of Industrial Accidents has the honor to transmit herewith its nineteenth annual report.

Respectfully,

INDUSTRIAL ACCIDENT BOARD

WILLIAM W. KENNARD, *Chairman*

EMMA S. TOUSANT

JOSEPH A. PARKS

EDWARD E. CLARK

CHESTER E. GLEASON

ALFRED B. CENEDELLA

CHARLES M. STILLER

ROBERT E. GRANDFIELD, *Secretary*

NINETEENTH ANNUAL REPORT OF THE

Department of Industrial Accidents.

INTRODUCTION

The Department of Industrial Accidents presents herewith its nineteenth annual report. This report contains the facts and figures, in summarized form, which comprise the Department's experience in the administration of the Workmen's Compensation Act (General Laws, chapter 152) for the year beginning July 1, 1930 to June 30, 1931.

It may be stated, in brief, that a comparison with the report for the year ending June 30, 1930, shows that there was a decided decrease in the number of injuries reported to the Board and a corresponding decrease in the number of tabulatable injuries, from 36.2 per cent in 1930 to 34.7 per cent in 1931. The severity of injuries, as measured by the plan for weighting time loss due to injuries, was less by 730,929 days than for the previous year. This decrease may be accounted for, in part, by the fact that there were 11,735 less tabulatable injuries than in 1930. This number includes 282 fatals, which are given a weighted time loss of 1,692,000 days, or 372,000 days less than last year.

A synopsis of the subjects covered in the current report follows:

The Nineteenth Year of the Act.—This chapter covers in condensed form the number of tabulatable injuries, total reported injuries, aggregate time lost, a condensed statement of combined payments by insurance companies operating under the Act, extent of incapacity in certain cases, and dependency, in brief, in fatal cases.

Summary of Accident Experience.—This chapter explains the various tables found in the Appendix, with brief analysis of each, and should be referred to for an understanding of the tables used. Graphs containing comparisons are used to present certain important phases of the experience.

Dependency in Fatal Cases not Insured under the Act.—This chapter deals with facts with particular reference to the condition of dependents in fatal cases where the injured employees were not insured under the provisions of the Act. The statements represent an analysis based on Table XII in the Appendix of this report.

Medical Division.—A brief summary of the work of this division with some statistical data for the past year.

THE NINETEENTH YEAR OF THE ACT

There were 144,133 accident reports filed with the Department of Industrial Accidents during the year July 1, 1930 to June 30, 1931. Of these 50,006 were tabulatable injuries (injuries causing the loss of at least one day or one shift, usually 8 hours), including deaths, permanent total, permanent partial, and temporary total disabilities. Death resulted in 282 of these cases, 5 involved permanent total disability, 1,031 were of a permanent partial nature, and 48,688 were temporary totals.

There was a decrease in the number of reported injuries, from 170,663 in 1930 to 144,133 in 1931, and a corresponding decrease in the number of tabulatable injuries, from 61,741 in 1930 to 50,006 in 1931.

The reports from insurance companies show that the payments made and to be made on account of injuries this year total \$8,978,058.04, and are classified as follows: medical, \$2,870,552.55; fatal compensation, \$838,358.39; and non-fatal, compensation, \$5,269,147.10.

The weighted time loss charged to all injuries is 4,072,628 days, distributed as follows: death, 41.5 per cent; temporary total disability, 39.2 per cent; permanent partial disability, 18.6 per cent; and permanent total disability, .7 per cent.

There were 282 fatals this year, a decrease of 62 cases in comparison with the year ending June 30, 1930. Total dependency was involved in 216 of these cases, 569 persons being so dependent. In 35 cases, dependency was partial, the dependents numbering 50. In the remaining 31 cases, there was no dependency. There were 253 cases or 89.7 per cent insured.

SUMMARY OF ACCIDENT EXPERIENCE

TABLE I, TOTAL TABULATABLE INJURIES, BY INDUSTRIES AND CASES INSURED AND NOT INSURED.

The statistics of the Board show that 96 per cent, or 47,988 of the tabulatable injuries were insured under the provisions of the Act and that four per cent, or 2,018 cases were not insured. This compares with an insured percentage of the previous year of 95.7 per cent and a non-insured percentage of 4.3 per cent.

TABLE II, INSURANCE TRANSACTIONS UNDER THE ACT.

This table was compiled from figures furnished the Board by authorized insurance companies operating under the Act, and also from the boards, commissions and departments of the Commonwealth of Massachusetts, and all counties, cities, and towns which have accepted the provisions of chapter 807, Acts of 1913. During the year ending June 30, 1930, a total payment of \$9,861,383.09 was reported. This year's figures therefore show a decrease in the amount paid amounting to nearly a million dollars.

During the past year there has been paid to injured laborers, workmen and mechanics, and their dependents of the Commonwealth and the various counties, cities, towns and districts which have accepted St. 1916, ch. 807, (now G. L., ch. 152, ss. 69-75), the sum of \$410,704.70. During the previous year the compensation agents of the Commonwealth and the different counties, cities, towns and districts reported the payment of compensation and medical in the sum of \$335,325.79. The in-

crease of approximately \$75,000 is due to enlarged governmental activities and to certain amendments involving an increase in compensation payments.

Dividing the entire sum paid out and to be paid out by insurers during the year ending June 30, 1931, \$8,978,058.04, by the number of tabulatable cases as shown by the Board's records, 50,006, we find that the average cost per case is \$170.53. The average cost per case is much lower however, as included in the amount of \$8,978,058.04, reported by the companies, are the sums paid out on thousands of cases which, strictly speaking, are not tabulatable. As will be noted by referring to Table II, insurance companies report 77,493 cases in which no compensation at all has been paid and in which only medical payments have been made.

Insurance Payments.

TYPE OF PAYMENT.	Amount.	Per Cent.
Medical, for all cases	\$2,870,552.55	32.0
Fatal, dependency compensation	838,358.39	9.3
Non-fatal, disability compensation	5,269,147.10	58.7
Totals	\$8,978,058.04	100.0

Based on the payments made and the number of cases to which they apply, the average cost per case for the several groups is as follows:

Average Cost per Specified Case.

TYPE OF PAYMENT.	Number of Cases.	Average Cost.
Medical, for all cases	106,265	\$ 27.01
Fatal, dependency compensation	241	3,478.66
Non-fatal, disability compensation	32,225	163.51

TABLE III, FREQUENCY OF INJURIES, BY INDUSTRIES AND EXTENT OF DISABILITY.

This table indicates the number of deaths, permanent total disabilities, permanent partial disabilities, and temporary total disabilities.

In permanent total disabilities, the element of judgment based on experience, must enter into classifying a part of the data. In rating injuries of this nature the general principle by which severity is to be measured is based on economic loss to the community and the loss of wages to the employee. Permanent total disability applies to every injury which permanently incapacitates the workmen from performing any work continuously in a gainful occupation. The element of judgment must enter into the classification of the data, because the statistics must be compiled before we can determine definitely whether an injured employee is ever going to be able to perform work again.

Permanent partial disabilities are all injuries less than permanent total, which result in the loss of any member of the body, or part thereof, or in the permanent impairment of any function, as included in the specific injury table.

Temporary total disabilities are those in which the injured employee returned to work at his former wages, except a small number in which disability extended over one year.

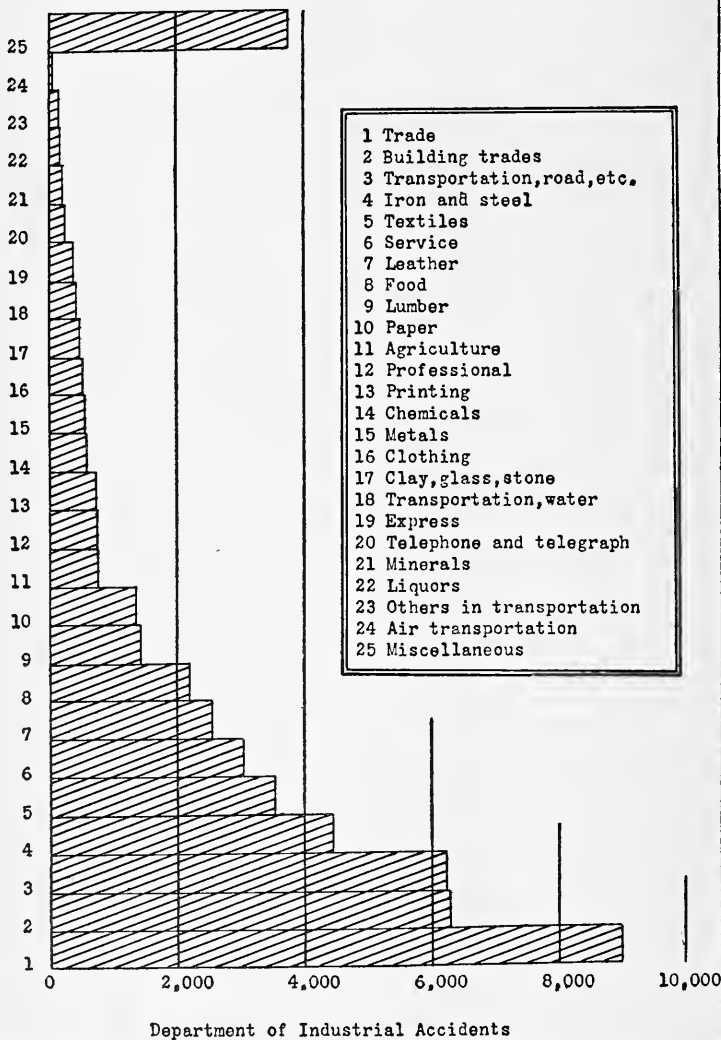
Extent of Total Tabulatable Injuries.

EXTENT OF DISABILITY.	Number of Cases.	Per Cent.
Deaths	282	.5
Permanent total disabilities	5	.1
Permanent partial disabilities	1,031	2.0
Temporary total disabilities	48,688	97.4
Totals	50,006	100.0

¹ Less than one-tenth of one per cent.

NUMBER OF TOTAL TABULATABLE INJURIES BY INDUSTRIES

July 1, 1930 - June 30, 1931



The following table is a summary of the duration of disability in all cases in this classification:

Duration of Temporary Total Disabilities.

DISABILITY PERIOD.	Number of Cases.	Per Cent.
1 to 3 days	6,853	14.1
4 to 7 days	10,196	20.9
1 to 2 weeks	6,162	12.7
2 to 3 weeks	6,143	12.6
3 to 4 weeks	4,242	8.7
4 to 8 weeks	8,487	17.4
8 to 13 weeks	3,259	6.7
13 to 26 weeks	1,900	3.9
26 to 52 weeks	1,161	2.4
Over 1 year	285	.6
Totals	48,688	100.0

It should be noted that in 17,049 cases, or 35 per cent of the temporary total disabilities, the employee was not incapacitated for a period of more than 7 days. Compensation would not be payable on these injuries, but if the employers were insured, the employees would be entitled to medical benefits.

Total Tabulatable Injuries, by Industries and Extent of Disability, Including Percentage Distribution.

INDUSTRIES.	TOTALS.		DEATHS.		PERMANENT TOTAL DISABILITIES.		PERMANENT PARTIAL DISABILITIES.		TEMPORARY TOTAL DISABILITIES.	
	Num-ber	Per Cent.	Num-ber.	Per Cent.	Num-ber.	Per Cent.	Num-ber.	Per Cent.	Num-ber.	Per Cent.
Trade	8,996	18.0	33	11.7	1	20.0	102	9.9	8,860	18.2
Building trades	6,297	12.6	38	13.5	1	20.0	97	9.4	6,161	12.6
Transportation, road	6,226	12.3	72	25.5	2	40.0	81	7.8	6,071	12.5
Iron and steel	4,467	8.9	21	7.4	—	—	165	16.0	4,281	8.8
Miscellaneous	3,778	7.6	26	9.2	—	—	103	10.0	3,649	7.5
Textiles	3,559	7.1	12	4.2	—	—	109	10.6	3,438	7.1
Service	3,070	6.1	6	2.1	—	—	37	3.6	3,027	6.2
Leather	2,565	5.1	6	2.1	—	—	58	5.6	2,501	5.1
Food	2,210	4.4	13	4.6	1	20.0	33	3.2	2,163	4.4
Lumber	1,423	2.8	7	2.5	—	—	73	7.1	1,343	2.7
Paper	1,378	2.8	12	4.2	—	—	43	4.2	1,323	2.7
Agriculture	778	1.6	1	.4	—	—	11	1.1	766	1.6
Professional	776	1.6	4	1.4	—	—	6	.6	766	1.6
Printing, bookbinding	744	1.5	4	1.4	—	—	24	2.3	716	1.5
Chemicals	591	1.2	3	1.1	—	—	15	1.4	573	1.2
Metals	585	1.2	2	.7	—	—	34	3.3	549	1.1
Clothing	529	1.1	1	.4	—	—	6	.6	522	1.1
Clay, glass, stone	490	1.0	4	1.4	—	—	16	1.5	470	1.0
Water transportation	413	.8	4	1.4	—	—	3	.3	411	.8
Express	383	.8	—	—	—	—	—	—	388	.8
Telephone, telegraph	220	.4	3	1.1	—	—	—	—	217	.4
Minerals	206	.4	5	1.8	—	—	11	1.1	190	.4
Liquors	154	.3	1	.4	—	—	3	.3	150	.3
Others in transportation	144	.3	3	1.1	—	—	1	.1	140	.3
Air transportation	14	— ¹	1	.4	—	—	—	—	13	— ¹
Totals	50,006	100.0	282	100.0	5	100.0	1,031	100.0	48,688	100.0

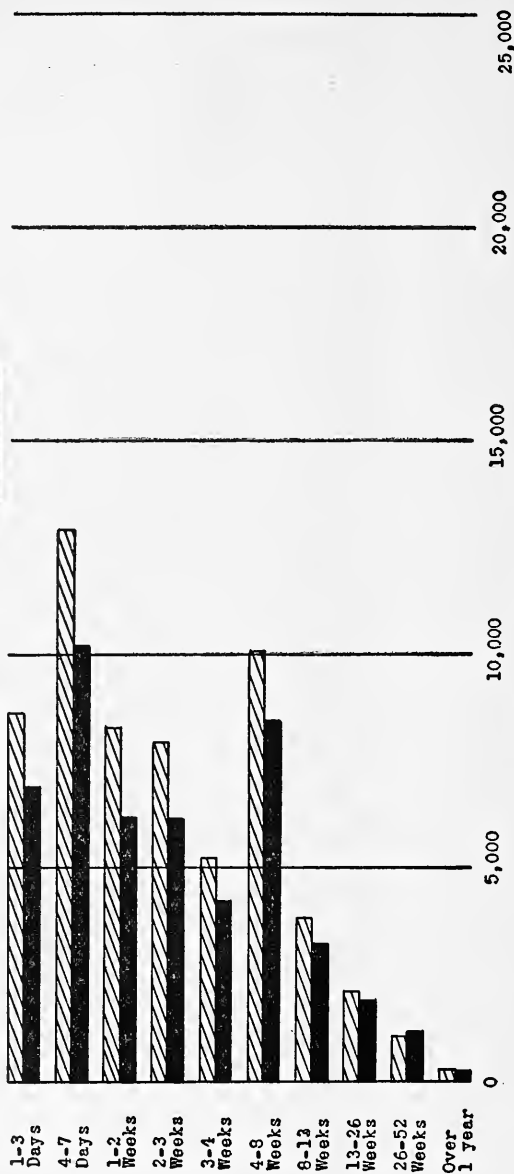
Deaths.—"Transportation, road, etc." had the highest number of deaths, 72, or 25.5 per cent; followed in order by "building trades", with 38, or 13.5 per cent; "trade", with 33, or 11.7 per cent, and the rest as shown.

Permanent Total Disabilities.—There were 5 permanent total disabilities this year, distributed as follows: "transportation, road, etc.", 2; "trade", 1; "building trades", 1, and "food", 1.

¹ Less than one-tenth of one per cent.

DURATION OF DISABILITY IN CASES OF TEMPORARY TOTAL DISABILITY

Comparison of year ending
June 30, 1930 with year ending June 30, 1931



Department of Industrial Accidents

There was one permanent total in which the employee, 48 years old, had both hands amputated when he was struck by a train.

There were two cases which involved injuries to both legs. In one, the employee had both legs amputated above the knees as a result of being crushed by an automobile. The other was a spinal cord injury, resulting in paralysis of both legs. This employee, 21 years old, fell a distance of 12 feet striking his back.

Two of the permanent total disabilities were to men of advanced years. One of these was an employee, 71 years of age, who sustained a fractured skull and clavicle when he fell from a platform; another was a man, 69 years old, who fell against a furnace and dislocated the 3rd and 4th cervical vertebrae.

Permanent Partial Disabilities.—"Iron and steel" had the highest frequency with 165 cases or 16 per cent; "textiles", with 109 or 10.6 per cent, and miscellaneous industries, with 103 or 10 per cent.

The original definition of this type of case included all injuries less than permanent total disability which resulted in the loss of any member of the body, or part thereof, or in the permanent impairment of any function of the body. However, in a great many cases there are losses coming within this definition which were so slight that it was found necessary to modify the application of the definition. Therefore, due consideration has been given to the nature of the case in determining whether or not there should be a modification of the application of this definition.

Table VIII will give some idea of the manner in which the severity is measured. The difference in the total number of permanent partial disabilities and the total number of specific injuries (Tables XIV and XV) is due to the modification of the definition as given above.

Temporary Total Disabilities.—The frequency order of this group of injuries occurred as printed.

TABLE IV, SEVERITY OF INJURIES, BY INDUSTRIES AND EXTENT OF DISABILITY.

This table aims to give a measure of the severity of injuries according to the actual and weighted time loss, the unit of time loss being the unit least given to fluctuating.

The weighting of the temporary total disabilities is most easily determined by using as the basis of measurement the actual number of days lost as a result of the injuries.

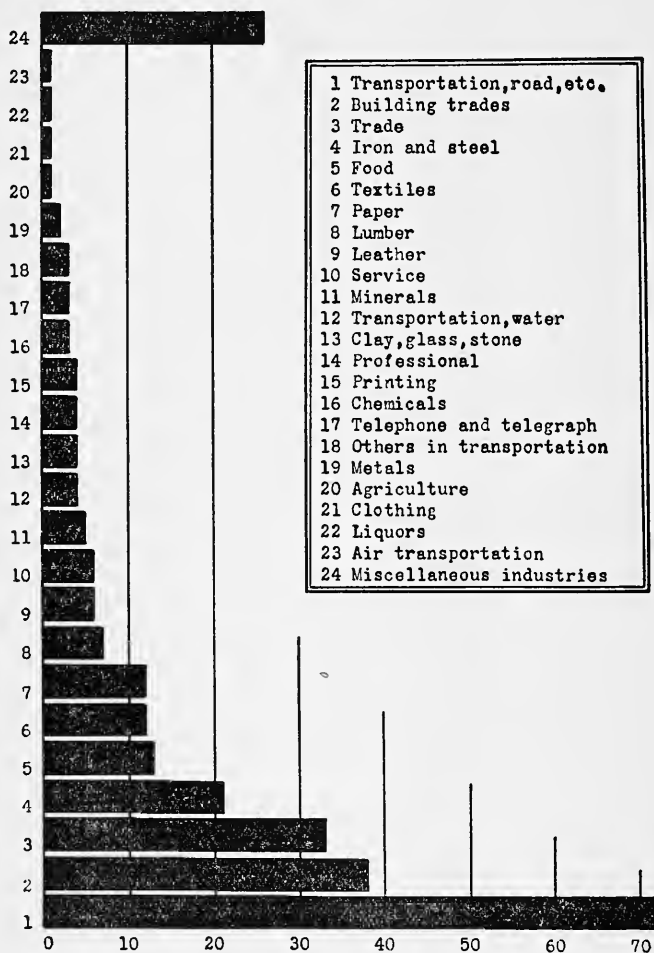
Under the plan adopted for the weighting of the other types of injuries, the following principles were used:

For each death and permanent total disability, a weight of six thousand days was employed as representing the average working life expectancy. This was determined on the accident experience in several states and some practical modifications based on committee judgment.

For each permanent partial disability, an aliquot part of six thousand days, proportionate to the degree of disability resulting from the particular bodily impairment in each case.

NUMBER OF FATAL INJURIES BY INDUSTRIES

July 1, 1930 - June 30, 1931



Department of Industrial Accidents

Severity of Total Tabulatable Injuries, by Industries and Extent of Disability.

INDUSTRIES.	Totals.	Deaths.	Per- manent Total Disabil- ities.	Per- manent Partial Disabil- ities.	Tem- porary Total Disabil- ities.
Transportation, road, etc.	732,625	432,000	12,000	68,700	219,925
Building trades	603,946	228,000	6,000	98,850	271,126
Trade	524,185	198,000	6,000	73,500	246,685
Iron and steel	367,942	126,000	—	102,900	139,042
Miscellaneous	334,159	156,000	—	67,800	110,359
Textiles	255,369	72,000	—	65,700	117,669
Food	169,266	78,000	6,000	25,800	59,466
Leather	157,896	36,000	—	39,600	82,296
Service	157,006	36,000	—	26,700	94,306
Paper	148,939	72,000	—	37,100	39,839
Lumber	126,520	42,000	—	46,800	37,720
Printing, bookbinding	65,354	24,000	—	22,200	19,154
Clay, glass, stone	59,849	24,000	—	17,700	18,149
Metals	50,693	12,000	—	20,550	18,143
Professional	49,641	24,000	—	6,150	19,491
Chemicals	46,787	18,000	—	10,350	18,437
Minerals	45,798	30,000	—	8,100	7,698
Agriculture	41,620	6,000	—	10,350	25,270
Water transportation	37,949	24,000	—	1,350	12,599
Others in transportation	23,734	18,000	—	600	5,134
Clothing	23,167	6,000	—	3,450	13,717
Telephone and telegraph	22,823	18,000	—	—	4,823
Liquors	13,086	6,000	—	1,650	5,436
Express	7,987	—	—	—	7,987
Air transportation	6,237	6,000	—	—	257
Totals	4,072,628	1,692,000	30,000	755,900	1,594,728

Percentage Distribution of Lost Days and Average Days Per Case, by Industries.

INDUSTRIES.	Per Cent of Total.	Average Days per Case.
Transportation, road, etc.	18.0	118
Building trades	14.8	96
Trade	12.9	58
Iron and steel	9.0	82
Miscellaneous industries	8.2	88
Textiles	6.3	72
Food	4.2	77
Leather	3.9	62
Service	3.8	32
Paper	3.7	108
Lumber	3.2	89
Printing and bookbinding	1.6	88
Clay, glass, and stone	1.5	122
Metals	1.2	87
Professional service	1.2	64
Chemicals	1.1	79
Minerals	1.1	222
Agriculture	1.0	53
Water transportation	.9	91
Others in transportation	.6	165
Clothing	.6	44
Telephone and telegraph	.6	100
Liquors	.3	85
Express	.2	21
Air transportation	.1	447
Totals	100.0	81

A study of the above table indicates that the industry "air transportation" contained the injuries which were of the most severe character, the average days lost per case being 447. However, it should be noted that there were only 14 cases in this industry classification, one being a fatal for which a weighted time loss of 6,000 days is given.

The industry "others in transportation" showed an average time loss of 165 days per case as compared with 38 days per case in 1930. This increase may be accounted for by the fact that there were 3 fatal cases in 1931 and none in 1930.

Distributed Severity of Injuries.

EXTENT OF DISABILITY.	Days Lost.	Per Cent.
Deaths	1,692,000	41.5
Permanent total disabilities	30,000	.7
Permanent partial disabilities	755,900	18.6
Temporary total disabilities	1,594,728	39.2
Totals	4,072,628	100.0

The above table indicates that under the weighted system used, deaths, cover 41.5 per cent of the total time loss, although only 282 out of a total of 50,006 cases were fatal.

TABLE V. SEX AND AGE OF INJURED IN TOTAL TABULATABLE INJURIES.

Sex of Injured.—The following table indicates that from a total of 50,006 cases, 90.3 per cent occurred among males and 4,827 or 9.7 per cent occurred among females. The experience according to the extent of disability is here shown.

Extent of Injury, by Sex.

EXTENT OF INJURY.	MALES.		FEMALES.	
	Number of Cases.	Per Cent.	Number of Cases.	Per Cent.
Deaths	277	.6	5	.1
Permanent total disabilities	5	. ¹	—	—
Permanent partial disabilities	959	2.1	72	1.5
Temporary total disabilities	43,938	97.2	4,750	98.4
Totals	45,179	100.0	4,827	100.0

An analysis of the above table shows that males sustained 98.2 per cent of the fatal injuries, and that .6 per cent of the total injuries to them were fatal. The fatal injuries to women were .1 per cent of the total injuries sustained by them.

The permanent total injuries, all occurring to males, were less than one-tenth of one per cent. The percentages of the permanent partial and temporary total disabilities were of almost equal proportion.

Age.—The age experience for all years is considered by compressing the number, by year intervals, into groups sufficient for general explanation.

Distribution of Total Tabulatable Injuries, by Age Periods.

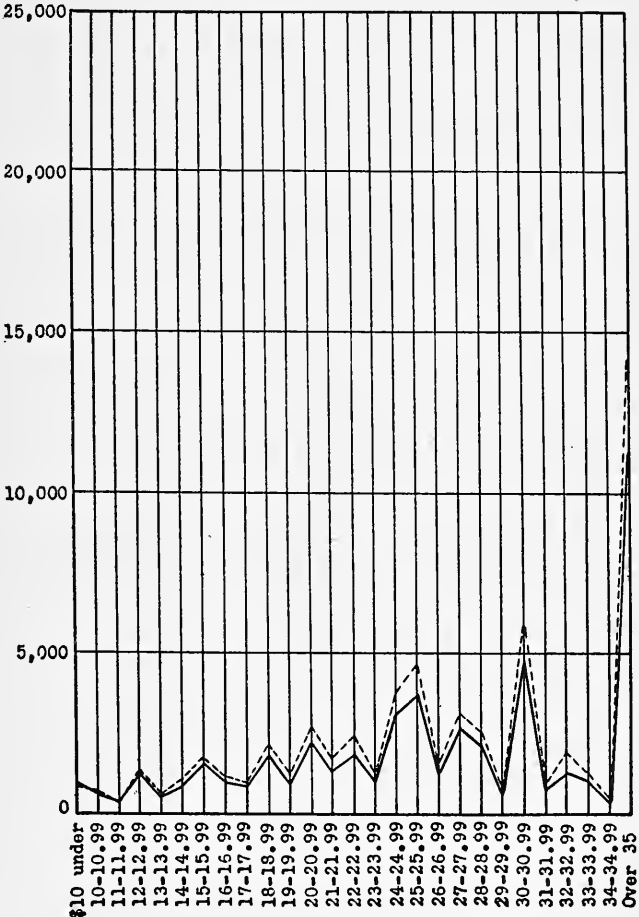
AGE PERIODS (YEARS) .	Number of Cases.	Per Cent.
14 and under	63	.1
15	148	.3
16	540	1.1
17	874	1.8
18	1,268	2.5
19	1,401	2.8
20 to 24, inclusive	7,921	15.8
25 to 29, inclusive	6,865	13.7
30 to 34, inclusive	6,558	13.1
35 to 39, inclusive	6,555	13.1
40 to 44, inclusive	5,449	10.9
45 to 49, inclusive	4,267	8.5
50 to 54, inclusive	3,133	6.3
55 to 59, inclusive	2,262	4.5
60 to 64, inclusive	1,475	3.0
65 and over	1,227	2.5
Totals	50,006	100.0

No comment on the above table seems necessary except to state that the ages from 14 to 20 are given for the benefit of those interested in minors.

¹ Less than one-tenth of one per cent.

NUMBER OF TOTAL TABULATABLE INJURIES BY WAGE GROUPS

Comparison of year ending
June 30, 1930 with year ending June 30, 1931



Department of Industrial Accidents

TABLE VI, TOTAL TABULATABLE INJURIES, BY INDUSTRIES AND WAGE GROUPS.

No attempt is made in the following table to give the distribution by industries, as Table VI in the Appendix contains this information.

Distribution of Tabulatable Injuries, by Wage Groups.

WAGE GROUPS	Number of Cases.	Per Cent of Total.	Cumulative Per Cent.
Under \$10.00	890	1.8	1.8
\$10.00 to \$10.99	573	1.1	2.9
\$11.00 to \$11.99	344	.7	3.6
\$12.00 to \$12.99	1,309	2.6	6.2
\$13.00 to \$13.99	501	1.0	7.2
\$14.00 to \$14.99	823	1.6	8.8
\$15.00 to \$15.99	1,562	3.1	11.9
\$16.00 to \$16.99	987	2.0	13.9
\$17.00 to \$17.99	827	1.7	15.1
\$18.00 to \$18.99	1,840	3.7	19.3
\$19.00 to \$19.99	957	1.9	21.2
\$20.00 to \$20.99	2,232	4.5	25.7
\$21.00 to \$21.99	1,348	2.7	28.4
\$22.00 to \$22.99	1,868	3.7	32.1
\$23.00 to \$23.99	1,021	2.0	34.1
\$24.00 to \$24.99	3,125	6.3	40.4
\$25.00 to \$25.99	3,693	7.4	47.8
\$26.00 to \$26.99	1,248	2.5	50.3
\$27.00 to \$27.99	2,616	5.2	55.5
\$28.00 to \$28.99	2,064	4.1	59.6
\$29.00 to \$29.99	627	1.3	60.9
\$30.00 to \$30.99	4,905	9.8	70.7
\$31.00 to \$31.99	748	1.5	72.2
\$32.00 to \$32.99	1,268	2.5	74.7
\$33.00 to \$33.99	1,031	2.1	76.8
\$34.00 to \$34.99	42 ^a	.9	77.7
\$35.00 and over	11,170	22.3	100.0
Totals	50,006	100.0	

This year as well as last, the group "\$35.00 and over", is the largest with 11,170 cases or 22.3 per cent of the total. This is, however, .8 per cent less than for the year ending June 30, 1930.

There was also a decrease, from 50.8 per cent in 1930 to 49.7 per cent in 1931, in the number of cases in which the employees received the maximum weekly compensation of \$18 a week.

There was an increase in the number of employees receiving less than \$10 a week, from 1.4 per cent in 1930 to 1.8 per cent in 1931.

TABLE VII, LOCATION OF INJURY, BY NATURE OF INJURY.

Distribution of Tabulatable Injuries, by Location of Injury.

LOCATION OF INJURY.	Number of Cases.	Per Cent.
Upper extremities	20,704	41.4
Lower extremities	13,143	26.3
Trunk	10,438	20.9
Head	2,868	5.7
Face and neck	1,576	3.1
Body	1,277	2.6
Totals	50,006	100.0

It will be observed that of a total of 50,006 injuries, 20,704, or 41.4 per cent affected the upper extremities. Although this is 5,005 cases less than in 1930, the percentage decrease is only .3 per cent.

From the medical aspect in particular, and for information in general, the following table, which shows the number of tabulatable injuries, by the location and nature of injury, will prove of interest.

Distribution of Tabulatable Injuries, by Location and Nature of Injury

NATURE OF INJURY.	Head.	Face and Neck.	Trunk	Upper Extremities.	Lower Extremities.	Body.	Totals
Cuts, punctures, etc.	833	631	100	10,008	2,573	36	14,181
Sprains and strains	1	63	7,532	1,959	2,704	40	12,299
Abrasions, bruises, etc.	386	183	1,326	3,149	4,345	209	9,598
All other	1,165	174	859	1,581	1,353	523	5,655
Fractures	102	73	543	1,572	1,696	—	3,986
Burns and scalds	231	350	56	940	340	61	1,978
Occupational diseases	20	102	10	492	36	378	1,038
Amputations, etc.	82	—	—	822	40	—	944
Dislocations	—	—	12	181	56	—	249
Concussions	48	—	—	—	—	—	48
Electric shocks	—	—	—	—	—	30	30
Totals	2,868	1,576	10,438	20,704	13,143	1,277	50,006

TABLE VIII, LOCATION, BY NATURE OF INJURY AND EXTENT OF DISABILITY.

This table shows the tabulatable injuries, by nature of injury and duration of disability, including the percentage distribution. The location of injury is not given in this analysis.

Total Tabulatable Injuries, by Nature of Injury and Extent of Disability, Including Percentage Distribution.

NATURE OF INJURY.	Totals.	Per Cent.	Deaths.	Per- manent Total Disabili- ties.	Per- manent Partial Disabili- ties.	Tem- porary Total Disabili- ties.
Cuts, punctures, etc.	14,181	28.3	11	—	4	14,166
Sprains and strains	12,299	24.6	11	—	11	12,277
Abrasions, bruises, etc.	9,598	19.2	6	—	1	9,591
All other	5,655	11.3	96	1	1	5,557
Fractures	3,986	8.0	94	1	57	3,834
Burns and scalds	1,978	3.9	31	—	—	1,947
Occupational diseases	1,038	2.1	13	—	18	1,007
Amputations, loss of use	944	1.9	7	2	935	—
Dislocations	249	.5	1	1	2	245
Concussions	48	.1	1	—	2	45
Electric shocks	30	.1	11	—	—	19
Totals	50,006	100.0	282	5	1,031	48,688

TABLE IX, INFECTION, BY NATURE OF INJURY AND EXTENT OF DISABILITY.

A comparison of the statistics of infections shows that there were 1,171 cases less than in 1930. Experience of the Board shows that for the past three years, one out of every ten tabulatable injuries resulted in an infection. The reason for this rather strange ratio can be more or less charged to the individual.

Investigation made by the Department of Labor and Industries has indicated that in the greater majority of cases facilities for first aid treatment were available, but that the employees neglected to make use of them.

Infection, by Nature of Injury and Extent of Disability.

NATURE OF INJURY.	Totals.	Deaths.	Permanent Partial Disabilities.	Temporary Total Disabilities.
Cuts, punctures, lacerations	3,123	10	—	3,113
All other	760	2	—	758
Abrasions, bruises, contusions	697	3	1	693
Burns and scalds	121	—	—	121
Amputations, loss of use	25	—	25	—
Fractures	5	1	—	4
Sprains and strains	7	—	—	7
Totals	4,738	16	26	4,696

According to the above table, 4,738 cases of infections ensued from injuries. This is 9.5 per cent of the total tabulatable injuries.

DISTRIBUTION OF INJURIES

Comparison of year ending
June 30, 1930 with year ending June 30, 1931

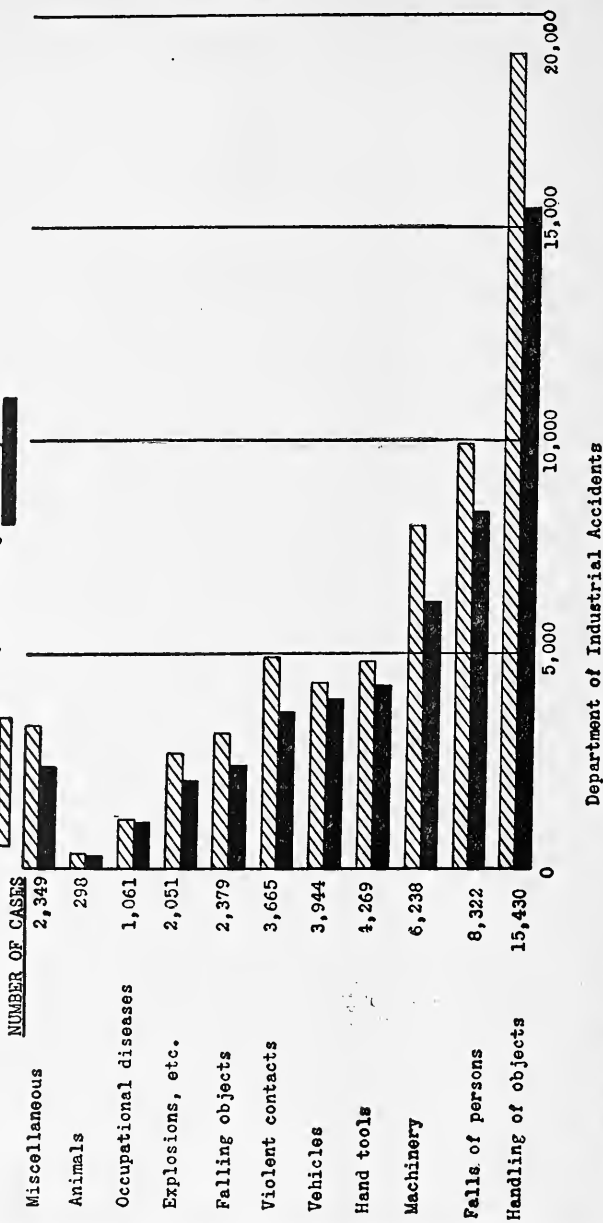


TABLE X, CAUSES OF INJURIES, BY EXTENT OF DISABILITY.

This table presents the accident experience with such detail as resources permit, showing by detailed causes the relative extent of different types of injuries due to assigned causes. The table also shows the weighted severity of injuries, based on time loss.

For each cause enumerated, the following information is given:

Number of tabulatable injuries:	Days lost due to:
Total cases	Total cases
Deaths	Deaths
Permanent total disabilities	Permanent total disabilities
Permanent partial disabilities	Permanent partial disabilities
Temporary total disabilities	Temporary total disabilities
7 days and under	7 days and under
1 to 2 weeks	1 to 2 weeks
2 to 3 weeks	2 to 3 weeks
Over 3 weeks	Over 3 weeks

Condensed information of the detailed table follows:

Total Tabulatable Injuries, by Cause of Injury and Extent of Disability.

CAUSE OF INJURY.	Totals.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	Temporary Total Disabilities.
Handling of objects	15,430	13	—	155	15,262
Falls of persons	8,322	56	2	53	8,211
Machinery	6,238	43	—	607	5,588
Hand tools	4,269	7	—	89	4,173
Vehicles	3,944	73	2	40	3,829
Stepping on or striking against objects	3,665	6	1	9	3,649
Falling objects, not being handled by employee	2,379	14	—	19	2,346
Miscellaneous causes	2,349	11	—	26	2,312
Explosions, electricity, etc.	2,051	44	—	13	1,994
Occupational diseases	1,061	13	—	18	1,030
Animals	298	2	—	2	294
Totals	50,006	282	5	1,031	48,688

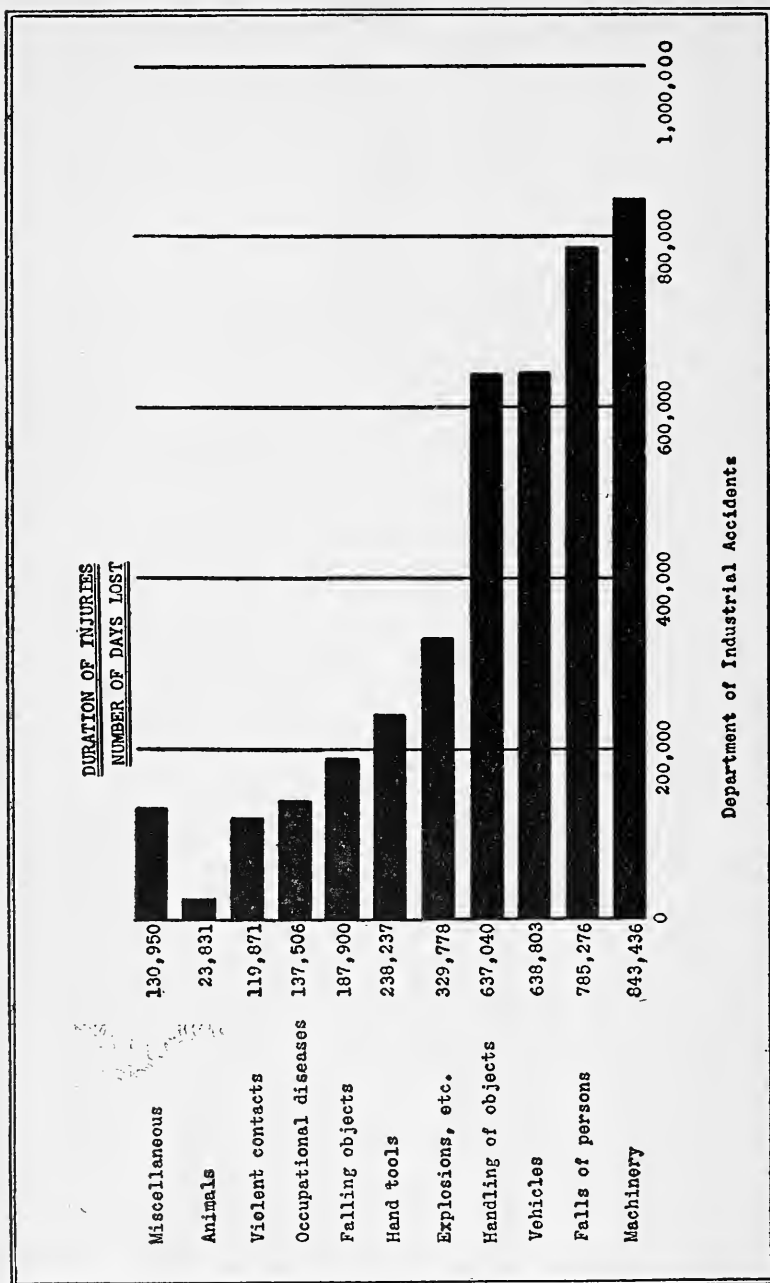
The above table, in condensed form, shows for each printed cause group the total number of injuries and the distribution by extent of the resulting disability.

The following table shows by percentage distribution the information conveyed above, and may be better used for purposes of comparison.

Distribution of Causes, by Per Cents.

CAUSE OF INJURY.	Totals.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	Temporary Total Disabilities.
Handling of objects	30.9	4.6	—	15.0	31.3
Falls of persons	16.6	19.9	40.0	5.1	16.9
Machinery	12.5	15.2	—	58.9	11.5
Hand tools	8.5	2.5	—	8.6	8.6
Vehicles	7.9	25.9	40.0	3.9	7.9
Stepping on or striking against objects	7.3	2.1	20.0	.9	7.5
Falling objects, not being handled by employee	4.8	5.0	—	1.8	4.8
Miscellaneous causes	4.7	3.9	—	2.5	4.7
Explosions, electricity, etc.	4.1	15.6	—	1.3	4.1
Occupational diseases	2.1	4.6	—	1.8	2.1
Animals . . . . .	.6	.7	—	.2	.6
Totals	100.0	100.0	100.0	100.0	100.0

The cause group in which the highest number of accidents occurred was "handling of objects", with 30.9 per cent, followed by "falls of persons", with 16.6 per cent.



Distribution of Causes, by Resultant Days Lost.

CAUSE OF INJURY.	Totals.	Per Cent.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	Temporary Total Disabilities.
Machinery	843,436	20.7	258,000	—	395,600	189,836
Falls of persons	785,276	19.3	336,000	12,000	77,700	359,576
Vehicles	638,803	15.7	438,000	12,000	37,350	151,453
Handling of objects	637,040	15.6	78,000	—	72,450	486,590
Explosions, electricity, etc.	329,778	8.1	204,000	—	17,100	48,678
Hand tools	238,237	5.9	42,000	—	99,750	96,487
Falling objects, not being handled by employee	187,900	4.6	84,000	—	16,200	87,700
Occupational diseases	137,506	3.4	78,000	—	10,800	48,706
Miscellaneous causes	130,950	3.2	66,000	—	19,650	45,300
Stepping on or striking against objects	119,871	2.9	36,000	6,000	7,200	70,671
Animals	23,831	.6	12,000	—	2,100	9,731
Totals	4,072,628	100.0	1,692,000	30,000	755,900	1,594,728

As indicated above, the most serious cause of injury, as measured in terms of time lost, is "machinery", with 20.7 per cent of the total. The estimated loss on this account, as shown by the above table, was 843,436 days.

Average Time Loss per Case, by Principal Causes.

CAUSE OF INJURY.	Average Days per Case.
Vehicles	162
Explosions, electricity, etc.	161
Machinery	135
Occupational diseases	129
Falls of persons	93
Animals	80
Falling objects, not being handled by employee	79
Hand tools	56
Miscellaneous causes	56
Handling of objects	41
Stepping on or striking against objects	33

In considering these figures the fact should be remembered that the units cover all cases, including deaths, permanent total, permanent partial, and temporary total disabilities. If more detailed analysis is desired to meet particular questions, reference should be made to the Appendix under this table heading.

TABLE XI, MACHINERY—FREQUENCY OF INJURIES, BY MANNER OF OCCURRENCE AND BY PART OF MACHINE.

The number of machine accidents, according to the cause and the percentage of the total, is given in the following table:

Machine Accidents, by Manner of Occurrence.

MANNER OF OCCURRENCE.	Number of Cases.	Per Cent of Total.
Starting, stopping, or operating machine	3,099	49.7
All other	1,555	24.9
Flying objects	521	8.4
Adjusting machine, tool, or work	458	7.3
Cleaning or oiling machine	329	5.3
Breaking of machine, tool, or work	201	3.2
Repairing machine	75	1.2
Totals	6,238	100.0

Of the 6,238 machine accidents, 3,099 or 49.7 per cent occurred while "starting, stopping, or operating machine". There were 2,803 of these cases that occurred at the "point of operation".

Machine Accidents, by Part of Machine.

POINT OF OPERATION.	PART OF MACHINE.	Number of Cases.	Per Cent of Total.
Point of operation		4,079	65.4
All other.		1,710	27.4
Belts		219	3.5
Gears		163	2.6
Cranks and eccentrics		45	.7
Flywheels		11	.2
Set screws, keys, and bolts		8	.1
Counterweights		3	—
Totals		6,238	100.0

TABLE XII, CONDITION OF DEPENDENTS IN UNINSURED FATAL CASES.

This table shows in detail, when the information was obtainable, the industry, occupation, age, wage, amount payable under the act in analogous cases, dependents, settlement, and financial condition of the family. Analysis of the facts in the table is not made here, but will be found in a separate chapter devoted to the subject under this heading.

TABLE XIII, CONJUGAL CONDITION AND DEPENDENCY IN CASES OF FATAL INJURIES.

The conjugal condition of employees fatally injured, the extent of dependency according to the number of persons dependent are considered in the following paragraphs:

Conjugal Condition in Fatal Cases.

CONDITION.	Number of Cases.	Per Cent.
Single	71	25.2
Married	195	69.1
Widowed	14	5.0
Divorced	2	.7
Totals	282	100.0

Of the 195 cases in which the employees were married, 194 involved total dependency and 1 partial dependency.

There were 71 cases in which the employees were single. Total dependency was involved in 16 cases, partial dependency in 32 cases, and in the remaining 23 cases, there was no dependency.

In the remaining 16 cases, 14 were widowers and 2 divorced.

TABLE XIV, SPECIFIC INJURY CASES, BY AGE OF PERSONS INJURED.

This table indicates that there were 937 cases of specific injuries. In 92 cases or 9.8 per cent, the employees were more than 55 years of age; 5, or .5 per cent, occurred among children under 16 years of age.

The number of injuries to minors decreased from 69 in 1930 to 37 in 1931.

Specified Injuries.

TYPE OF INJURY.	Number of Cases.	Per Cent of Total.
One finger or thumb	550	58.7
Two or more fingers, 2 or more phalanges	114	12.2
One eye	82	8.8
Right or major index finger, 2 phalanges	63	6.7
Right or major thumb, 1 phalange	29	3.1
Right or major hand or arm.	20	2.1
One toe	18	1.9
Right or major index finger, 2 phalanges and one or more fingers on same hand	14	1.5
Right or major thumb, 2 phalanges	13	1.4
Two or more toes	10	1.1
One foot or leg	7	.8
Left or minor hand or arm	3	.3
Right or major thumb, 1 phalange and right or major index finger, 2 phalanges	3	.3
Right or major thumb, 2 phalanges and 1 or more fingers	3	.3
Two or more fingers or thumbs on both hands	3	.3
Right or major thumb, 1 phalange and 1 or more fingers	2	.2
Right or major thumb and index finger, 2 phalanges	1	.1
Both hands	1	.1
Both feet	1	.1
Totals	937	100.0

¹ Less than one-tenth of one per cent.

The group "one finger or thumb", continues to be the largest numerically of all the groups classified within this table. Included within this classification are all finger injuries, except those occurring to the right or major thumb and index finger, in which there is a loss either by amputation or the equivalent loss of use, of less than two phalanges of one or more fingers. In other words, this group includes specified injuries to both one finger and left or minor thumb, and other such injuries which do not come within the higher classification, "two or more fingers, two or more phalanges".

There were two permanent total disabilities among the specific injury cases. In one of these both hands were amputated at the wrist and in the other, both legs were amputated above the knee.

TABLE XV, SPECIFIC INJURY CASES, BY CAUSES.

There were 599 cases, or 63.9 per cent of the specific injuries, which occurred on machinery. This is a decrease of 2.5 per cent as compared with 1930.

In the group, "one finger or thumb", there were 550 cases. Of these, 359 were due to machinery, and 275, or 76.6 per cent occurred at the "point of operation".

Percentage Distribution of Specific Injury Cases, by Causes.

CAUSE OF INJURY.	Number of Cases.	Per Cent of Total.
Machinery	599	63.9
Handling of objects	144	15.4
Hand tools	89	9.5
Vehicles	30	3.2
Miscellaneous causes	21	2.5
Falls of persons	15	1.6
Fires, explosions, electricity, etc.	13	1.4
Falling objects, not being handled by employee	12	1.3
Stepping on or striking against objects	9	1.0
Animals	2	.2
Totals	937	100.0

Distribution of Specific Injuries to Eye, by Causes.

CAUSE OF INJURY.	Number of Cases.	CAUSE OF INJURY.	Number of Cases.
Hand tools	46	Falls of persons	1
Machinery	14	Stepping on or striking against objects	1
Miscellaneous causes	6	Falling objects, not being handled by employee	1
Fires, explosions, electricity, etc.	5	Animals	1
Handling of objects	3		
Vehicles	4		
		Total	.82

DEPENDENCY IN FATAL CASES NOT INSURED UNDER THE ACT.

From July 1, 1930 to June 30, 1931, there were 29 not insured fatal cases. The dependents in these cases obtained their relief by settlement, voluntary agreement, or through legal procedure.

The information contained below was obtained by questionnaires sent to the dependents or by personal interview.

Not Insured Fatal Injuries, by Industries.

INDUSTRIES.	Number of Cases.	INDUSTRIES.	Number of Cases.
Steam railroads	12	Agriculture	1
Telephone and telegraph	4	Trucking	1
Manufacture of coke	3	Wholesale and retail trade	1
Building trades	2	Street railway	1
Lumber	2		
Dismantling ship	1	Total	29
Crushed stone	1		

The average age of the employees at the time of death was 42 years, and the average weekly wages were \$30.72.

Under the provisions of the Act, the dependents in these cases would have been paid a total of \$111,085. In 23 cases, dependency was total, and in each of these cases \$2,000 to \$6,400 would have been due, accord-

ing to the number of dependents. In the remaining 6 cases, there was no dependency. On each of the no dependency cases, \$150 would be due for funeral expenses and \$100 to the State in accordance with G. L. c. 152, s. 65. In only eight of these cases were we able to obtain accurate figures as to the actual amount paid by non-insured employers to the dependents of their fatally injured employees. The amount paid was \$30,328, or an average of \$3,791 per case. In 16 cases, suits at law were pending in the courts of the Commonwealth and therefore no figures were obtainable. In the remaining five cases we were unable to obtain any report from either the employer or the dependents as to the amounts paid in settlement of their claims.

Below will be found a statistical tabulation of these cases:

Industry and Occupation	Age of Employee	Wages	Dependents	Settlement
Tel. and Tel., combination man	48	\$41.50	Widow and 1 child . . . (\$4,800.00)	\$5,000 00
Railroad, track laborer	54	\$19.20	Widow and 3 children . . . (\$6,400.00)	3,000 00
Mfg. of coke, crane operator	44	\$36.40	Widow and 1 child . . . (\$4,800.00)	5,000 00
Railroad, brakeman	57	\$39.00	Widow	1,500 00
Railroad, conductor	33	\$45.00	Widow and 1 child . . . (\$4,800.00)	4,500 00
Mfg. of coke, laborer	40	\$28.00	Widow and 4 children . . . (\$6,400.00)	5,500 00
Tel. and Tel., cable splicer	45	\$54.00	Widow and 3 children . . . (\$6,400.00)	4,500 00
Trucking, driver	30	\$30.00	Widow and 1 child . . . (\$4,800.00)	1,328 00
				<hr/> \$30,328 00

Amount payable in analogous cases, \$42,400.00

An analysis of dependency in uninsured cases is of value in showing upon whom the burden fell.

Dependency in Uninsured Cases.

DEPENDENTS	Number of Cases.	DEPENDENTS.	Number of Cases.
Widow and 7 children	1	Widow	8
Widow and 6 children	1	Parents	2
Widow and 4 children	2	Mother	1
Widow and 3 children	3	No dependents	6
Widow and 1 child	5	Total	29

THE MEDICAL DIVISION.

The work accomplished by the Medical Division of the Board, under the supervision of its medical adviser,¹ is briefly presented in this chapter. A more detailed statement of the work and functions of this department will be found in the sixth annual report.

Insurers under the Workmen's Compensation Act paid out for medical and hospital services during the period July 1, 1930 to June 30, 1931, the sum of \$2,870,552.55. This sum represents 32.0 per cent of the total payments of the year. During this period, 106,265 injured employees were furnished either medical or hospital treatment at the expense of the insurance companies.

Many problems have grown out of the large number of cases which have required the advice and assistance of the Medical Division, including advice as to the reasonableness of the charges of physicians and hospitals in disputed cases, adequacy of the treatment provided, additional treatment beyond the first two weeks after the injury, whether the employee's incapacity for work as a result of the injury had terminated in whole or in part, and other medical questions.

Impartial physicians are appointed by the members of the Board. During the year covered by this report, 4,556 impartial examinations

¹ Francis D. Donoghue, M. D.

have been made at a total cost of \$33,167.28. In addition to this sum \$573 was paid out on account of services of impartial physicians at hearings upon disputed cases, and for hospital records obtained by the Board.

The medical work of the Board has been administered from the viewpoint that employees are entitled to adequate medical and hospital treatment, but that the cost of such treatment should be reasonable.

AMENDMENTS TO THE WORKMEN'S COMPENSATION ACT.

The following amendments were enacted during the 1932 session:

Section eleven of chapter one hundred and fifty-two of the General Laws is hereby amended by striking out, in the sixth and seventh lines, the words, "whereupon said court shall" and inserting in place thereof the words:—but if so presented to the court for the county of Suffolk, the court may, on motion of any party in interest, order the case removed to the court for the county in which the injury occurred. The court shall thereupon,—so as to read as follows:—

Section 11. Any party in interest may present certified copies of an order or decision of the reviewing board, a decision of a member from which no claim for review has been filed within the time allowed therefor, or a memorandum of agreement approved by the department, and all papers in connection therewith, to the superior court for the county in which the injury occurred or for the county of Suffolk, but if so presented to the court for the county of Suffolk, the court may, on motion of any party in interest, order the case removed to the court for the county in which the injury occurred. The court shall thereupon render a decree in accordance therewith and notify the parties. Such decree shall have the same effect, and all proceedings in relation thereto shall thereafter be the same, as though rendered in a suit duly heard and determined by said court, except that there shall be no appeal therefrom upon questions of fact or where the decree is based upon a decision of a member or a memorandum of agreement, and except that there shall be no appeal from a decree based upon an order or decision of the reviewing board which has not been presented to the court within ten days after the notice of the filing thereof by said board. Upon the presentation to it of a certified copy of a decision ending, diminishing or increasing a weekly payment under the following section, the court shall revoke or modify the decree to conform to such decision.

This act shall take effect on the first day of September in the current year. *Approved March 31, 1932.*

Section twelve of chapter one hundred and fifty-two of the General Laws, as amended by chapter two hundred and forty-six of the acts of nineteen hundred and twenty-nine, is hereby further amended by inserting after the word "board" in the first line of the paragraph inserted by said chapter two hundred and forty-six the words:—it appears that compensation has been paid under an agreement of the parties or when in any such case,—so that said paragraph will read as follows:—When in any case before the board it appears that compensation has been paid under an agreement of the parties or when in any such case there appears of record a finding that the employee is entitled to compensation, no subsequent finding by the board or by a member thereof discontinuing compensation on the ground that the employee's incapacity has ceased shall be considered final as a matter of fact or re adjudicata as a matter of law, and such employee or his dependents in the event of his death, may have further hearings as to whether his incapacity or death is or was the result of the injuries for which he received compensation; provided, that if the board shall determine that the petition for such a rehearing is without merit and frivol-

ous, the employee or his dependents shall not thereafter be entitled to file any subsequent petition therefor except for cause shown and in the discretion of the member to whom such subsequent petition may be referred, and that, in the event of the death of the employee, such a petition for a rehearing shall be filed within three months from the time of his decease and within one year from the date of the finding terminating his compensation.

This act shall apply to cases wherein compensation has been paid in pursuance of findings or agreements of the parties made subsequent to January first, nineteen hundred and twenty-five.

Whereas, the deferred operation of this act would, in part defeat its purpose, therefore it is declared to be an emergency law, necessary for the immediate preservation of the public convenience. *Approved March 28, 1932.*

Chapter one hundred and fifty-two of the General Laws is hereby amended by striking out section seventy-five and inserting in place thereof the following new section:—

Section 75. Every board, commission and department of the commonwealth employing laborers, workmen and mechanics, and every such county, city, town and district shall, through its executive officer or board, designate one or more persons, as it may deem necessary, to act as its agent or agents in furnishing the benefits due under sections sixty-nine to seventy-five inclusive. Such agent or agents shall be responsible for the proper carrying out of said sections under the direction and supervision of the department until his or their agency is revoked and a new agent or new agents designated. The name and address of every such agent shall be filed with the department immediately upon his designation. This section shall not apply to counties, cities, towns and districts which have provided by insurance for the payment of compensation required by this chapter. (*Approved February 17, 1932, In effect May 17, 1932.*)

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STATISTICAL TABLES.

TABLE I. — *Total Tabulatable Injuries, by Industries and Cases Insured and not Insured, July 1, 1930 to June 30, 1931.*

INDUSTRIES.	Insured.	Not Insured.	Total.
Agriculture, Forestry, and Animal Husbandry.	768	10	778
Agriculture	451	9	460
Forestry	149	1	150
Animal husbandry	48	—	48
Ice harvesting	120	—	120
Extraction of Minerals.	205	1	206
Quarrying	205	1	206
Building Trades.	6,273	24	6,297
Hand trades	6,273	24	6,297
Chemical and Allied Products.	589	2	591
Fertilizers	65	—	65
Paints, varnish and japanning	75	—	75
Powder, cartridges, fireworks, etc., makers	19	—	19
Soap makers	137	—	137
Other chemical workers	293	2	295
Clay, Glass and Stone Products.	488	2	490
Brick makers	61	—	61
Potteries	14	—	14
Tile makers	47	—	47
Glass makers, workers	57	—	57
Lime, cement and gypsum	101	—	101
Marble and stone cutters	203	2	205
Mica, isinglass	5	—	5
Clothing.	528	1	529
Clothing makers	436	1	437
Corset makers	13	—	13
Hat makers, wool or felt	43	—	43
Shirt, collar and cuff makers	36	—	36
Food and Kindred Products.	2,202	8	2,210
Bakery, bread and other bakers products	597	3	600
Butter and cheese makers	114	—	114
Candy, confectionery	297	1	298
Fish curers and packers	239	3	242
Flour and grain mills	3	—	3
Fruit and vegetable canners	40	—	40
Slaughter and packing houses	502	1	503
Sugar makers and refiners	89	—	89
Other food preparers	321	—	321
Iron and Steel and Their Products	4,335	132	4,467
Agricultural implements	1	—	1
Automobile factories	461	—	461
Car and railroad shops	21	3	24
Foundries and metal working, tools, forging	1,339	100	1,439
Manufacture of aeroplanes	2	—	2
Ship and boat building	645	1	646
Wagons and carriages	3	—	3
Other iron and steel workers	1,863	28	1,891
Leather and Its Finished Products.	2,555	10	2,565
Harness and saddle makers and repairers	4	—	4
Leather belt, leather case, pocketbook makers	103	3	106
Shoes	1,629	2	1,631
Tanneries	806	5	811
Trunk makers	13	—	13
Liquors and Beverages.	154	—	154
Breweries	5	—	5
Distilleries	4	—	4
Other liquor and beverage workers	145	—	145
Lumber and Its Re-manufacture.	1,416	7	1,423
Box makers (wood)	163	—	163
Furniture	464	2	466
Pianos and organs	56	—	56
Saw and planing mills	140	3	143
Other woodworkers	593	2	595
Metals and Metal Products Other than Iron and Steel.	585	—	585
Brass mills	64	—	64
Clock factories	11	—	11
Copper factories	86	—	86
Gold and silver factories	74	—	74
Jewelry factories	61	—	61

TABLE I. — *Total Tabulatable Injuries, by Industries and Cases Insured and not Insured, July 1, 1930 to June 30, 1931 — Concluded.*

INDUSTRIES.	Insured.	Not Insured.	Total.
Metals and Metal Products Other than Iron and Steel—Con.			
Lead and zinc factories	98	—	98
Tin-plate factories	63	—	63
Watch factories	19	—	19
Copper and brass	65	—	65
Other metal workers	44	—	44
Paper	1,377	1	1,378
Box makers (paper)	233	1	234
Makers of blank books, envelopes, tags, labels, paper bags	169	—	169
Paper and pulp mills	613	—	613
Pulp mills	6	—	6
Other paper goods	356	—	356
Printing and Bookbinding	732	12	744
Printing and publishing establishments	732	12	744
Textiles	3,514	45	3,559
Carpet mills	95	—	95
Cotton mills	1,265	42	1,307
Dyeing and finishing textiles	358	—	358
Hemp and jute mills	33	—	33
Knitting mills	138	—	138
Linen mills	17	—	17
Print works	88	—	88
Rope and cordage factories, twine	42	—	42
Sail, awning and tent makers	14	—	14
Silk mills	174	1	175
Woolen mills, worsted mills	964	—	964
Not specified textile workers	326	2	328
Miscellaneous Industries.	3,652	126	3,778
Broom and brush makers	22	—	22
Button makers	1	—	1
Cigars and tobacco	39	—	39
Electric light and power companies	398	2	400
Electrical supplies	829	4	833
Gas works	262	80	342
Oil works	328	—	328
Rubber factories	748	—	748
Straw workers	18	—	18
Gas and electric companies	181	1	182
Other miscellaneous industries and occupations	826	39	865
Water Transportation	287	131	418
Water transportation	287	131	418
Transportation, Road, Etc.	5,651	575	6,226
Construction, and maintenance of roads, street, etc.	3,324	50	3,374
Livery stables	22	—	22
Truck, transfer cab and hack companies, garages	1,836	21	1,857
Street railways	469	63	532
Steam railroads	—	441	441
Express Companies.	147	241	388
Express companies	147	241	388
Telephone and Telegraph.	—	220	220
Telephone and telegraph	—	220	220
Aeroplane Transportation.	14	—	14
Aeroplane transportation	14	—	14
Other Persons in Transportation.	142	2	144
Other persons in transportation	142	2	144
Trade.	8,610	386	8,996
Banking and brokerage	101	—	101
Insurance	109	8	117
Real estate	400	5	405
Wholesale and retail trade	7,711	373	8,084
Elevators	48	—	48
Warehouses and cold-storage plants	170	—	170
Other persons in trade	68	—	68
Clerical assistants, (industry, business or profession not specified)	3	—	3
Professional Service.	716	60	776
Professional service	716	60	776
Domestic and Personal Service.	3,048	22	3,070
Occupations not in industries	2,531	18	2,549
Laundry and laundry work	517	4	521
Grand total	47,988	2,018	50,006

TABLE II. — *Insurance Transactions Under the Act, filed by Insurance Companies on Injuries Reported for the Year, July 1, 1930 to June 31, 1930.*

Number of employees receiving medical services only	77,493	
Payments made		\$804,300 22
Outstanding payments		59,512 63
		<hr/> \$863,812 85
Number of employees receiving compensation only	3,453	
Payments made		\$224,594 99
Outstanding payments		47,320 42
		<hr/> \$271,915 41
Number of employees requiring both medical services and compensation	28,772	
Medical payments made		\$1,530,288 44
Medical payments outstanding		466,718 82
		<hr/> \$1,997,007 26
Compensation payments made		3,172,421 65
Compensation payments outstanding		1,824,810 04
		<hr/> \$4,997,231 69
Number of employees requiring neither medical services nor compensation	36,023	
Total dependency fatalities	175	
Compensation payments made		\$94,225 25
Outstanding compensation payments		651,984 95
		<hr/> \$746,210 95
Partial dependency fatalities	50	
Compensation payments made		\$20,073 70
Outstanding compensation payments		68,125 77
		<hr/> \$88,199 47
No dependency fatalities	16	
Compensation payments made		\$1,748 72
Outstanding compensation payments		2,200 00
		<hr/> \$3,948 72
<hr/>		
Number of fatal cases reported to insurers		241
Number of non-fatal cases reported to insurers		145,741
		<hr/> 145,982
Total number reported to insurers		
Total medical paid		\$2,259,675 90
Total medical outstanding		610,876 65
		<hr/> \$2,870,552 55
Total fatal compensation paid		\$116,047 67
Total fatal compensation outstanding		722,310 72
		<hr/> \$838,358 39
Total non-fatal compensation paid		\$3,397,016 64
Total non-fatal compensation outstanding		1,872,130 46
		<hr/> \$5,269,147 10
Total payments made		\$5,772,740 21
Total payments outstanding		3,205,317 83
		<hr/> \$8,978,058 04

TABLE III. — *Frequency of Injuries, by Industry and Extent of Disability, July 1, 1930, to June 30, 1931*

INDUSTRIES.	NUMBER OF TABULATABLE INJURIES.												
	Total. Deaths.	Per- manent Total Disa- bilities.	Per- manent Partial Disa- bilities.	TEMPORARY DISABILITIES.									
				1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 1 Year. Total.
Agricultural, Forestry, and Animal Husbandry.													
Agriculture	778	1	—	94	160	111	101	67	136	48	24	19	6
Forestry	460	1	—	57	93	75	59	39	79	24	9	12	4
Animal husbandry	130	—	3	21	34	21	20	14	19	11	5	2	—
Ice Harvesting	48	—	—	6	12	8	6	3	9	1	3	—	—
Ice Harvesting	120	—	—	10	21	7	16	11	29	12	7	5	2
Extraction of Minerals.													
Quarrying	206	5	—	20	46	17	21	15	37	19	6	7	2
Quarrying	206	5	—	20	46	17	21	15	37	19	6	7	2
Building Trades.													
Hand trades	6,297	38	1	803	1,114	566	717	556	1,212	487	381	246	79
Hand trades	6,297	38	1	803	1,114	566	717	556	1,212	487	381	246	79
Chemical and Allied Products.													
Fertilizers	591	3	—	102	118	66	70	44	88	39	30	15	1
Paints, varnish, japanning	65	—	—	14	15	5	7	6	7	4	2	3	—
Powder, cartridges, fireworks, etc., makers	75	—	—	15	10	10	13	2	12	7	4	1	—
Soap makers	19	1	—	1	6	2	1	1	4	1	2	—	—
Other chemical workers	137	—	—	28	30	16	14	10	16	7	8	1	—
Other chemical workers	235	2	—	44	57	33	35	25	49	20	14	10	1
Clay, Glass and Stone Products.													
Brickmakers	490	4	—	77	88	55	69	30	74	31	28	12	6
Potteries	61	—	—	9	9	8	8	3	12	4	5	2	—
Tile makers	14	—	—	2	—	—	4	—	3	4	—	1	—
Glass makers and workers	47	—	—	10	11	8	3	2	4	5	4	—	—
Lime, cement and gypsum	57	—	—	6	8	10	16	3	9	1	3	—	—
Marble and stone cutters	101	1	—	15	19	12	15	10	11	4	6	2	1
Mica and isinglass	205	3	—	35	41	17	23	12	33	11	9	7	4
Mica and isinglass	5	—	—	—	—	—	—	—	2	2	1	—	—
Clothing.													
Clothing makers	529	1	—	71	110	77	76	50	82	35	11	10	—
Corset makers	437	1	—	51	88	65	68	43	69	29	11	7	—
Hat makers, wool or felt	13	—	—	3	3	3	1	2	3	1	—	—	—
Shirt, collar and cuff makers	43	—	—	3	14	5	4	4	9	3	—	1	—
Shirt, collar and cuff makers	36	—	—	14	8	4	3	1	2	—	—	2	—
Food and Kindred Products.													
Bakeries	2,210	13	1	330	494	306	314	190	305	101	79	39	5
Butter and cheese makers	600	5	—	65	115	77	81	64	100	36	29	16	4
Candy and confectionery	114	2	—	20	18	17	17	10	12	6	6	3	—
Fish curers and packers	298	1	—	48	62	42	43	22	42	10	16	4	1
Flour and grain mills	242	1	—	33	53	40	48	20	31	7	3	3	—
Flour and grain mills	3	—	—	—	—	—	2	—	—	—	—	—	—
Fruit and vegetable canners	40	—	—	7	14	4	4	5	3	2	—	1	—

Slaughter and packing houses	503	1	—	5	92	137	69	67	34	58	20	14	6	—	497
Sugar makers and refiners	89	1	—	1	20	19	10	11	7	16	4	—	88	—	88
Other food preparers.	321	3	1	6	45	75	47	41	28	43	16	11	5	—	311
Iron and Steel and Their Products.	4,467	21	—	165	505	902	553	523	411	806	319	138	99	25	4,281
Agricultural implements	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Automobile factories	461	1	—	11	48	126	47	56	49	66	20	12	12	4	449
Car and railroad shops	24	—	—	1	1	3	4	2	2	1	5	3	1	1	23
Foundries and metal working tools	1,439	7	—	55	166	277	170	161	148	263	105	47	34	6	1,377
Manufacture of airplanes	2	—	—	—	—	—	—	—	—	—	—	—	—	—	2
Ship and boat building	646	4	—	16	83	148	85	77	49	112	45	17	7	3	626
Wagons and carriages	3	—	—	—	—	—	—	—	—	—	—	—	—	—	3
Other iron and steel workers	1,891	9	—	82	206	348	246	227	162	362	135	59	45	10	1,800
Leather and Its Finished Products.	2,565	6	—	58	325	498	309	345	213	451	197	92	62	9	2,501
Harness and saddle makers and repairers	4	—	—	—	—	2	1	—	—	1	—	—	—	—	4
Leather belt, leather case and pocketbook makers	106	—	—	3	28	18	11	12	6	18	6	3	1	—	103
Shoes	1,631	1	—	39	190	311	186	227	151	295	122	61	42	6	1,591
Tanneries	811	5	—	16	105	164	111	104	54	135	68	27	19	3	790
Trunk makers.	13	—	—	—	2	3	—	2	2	2	1	1	—	—	13
Liquors and Beverages.	154	1	—	3	20	23	25	19	15	29	9	3	6	1	150
Breweries	5	—	—	—	—	—	3	—	2	—	—	—	—	—	5
Distilleries	4	—	—	—	—	—	—	—	—	—	3	—	1	—	4
Other liquor and beverage workers	145	1	—	3	20	23	22	19	13	29	6	3	5	1	141
Lumber and Its Re-manufacture.	1,423	7	—	73	217	260	177	170	127	243	85	39	19	6	1,343
Box makers (wood)	163	1	—	12	14	24	29	19	14	35	7	4	4	1	151
Furniture	466	1	—	17	81	89	71	58	36	63	33	14	2	1	448
Pianos and organs	56	—	—	4	8	6	5	2	5	18	5	1	2	—	52
Saw and planing mills	143	2	—	9	19	25	18	16	14	29	2	5	3	1	132
Other wood workers.	595	4	—	31	95	116	54	75	58	98	38	15	8	3	560
Metals and Metal Products Other than Iron and Steel.	585	2	—	34	75	109	54	74	52	109	39	22	13	2	549
Brass mills	64	—	—	—	10	14	8	9	3	9	2	8	1	—	64
Clock factories	11	—	—	—	2	3	—	—	—	2	2	—	1	—	11
Copper factories	86	—	—	2	8	20	2	7	11	27	5	3	1	—	84
Gold and silver factories	74	—	—	5	10	14	10	7	7	12	5	2	1	1	69
Jewelry factories	61	—	—	12	9	9	9	2	5	10	2	1	1	1	49
Lead and zinc factories	98	—	—	3	11	21	9	18	8	16	7	1	4	—	95
Tin plate factories	63	—	—	9	5	5	4	14	6	13	5	1	1	—	54
Watch factories	19	—	—	1	2	6	2	2	1	2	2	1	—	—	18
Copper and brass factories	65	—	—	2	7	6	6	10	8	15	7	3	1	—	63
Other metal workers	44	2	—	—	11	11	3	5	3	3	2	2	2	—	42
Paper.	1,378	12	—	43	165	290	181	151	132	246	87	39	28	4	1,323
Box makers	234	1	—	9	31	53	24	20	27	39	17	5	8	—	224
Makers of blank books, envelopes, tags and labels, bags.	169	—	—	5	27	21	26	24	14	33	10	7	1	1	164

TABLE III — Frequency of Injuries, by Industry and Extent of Disability, etc. — Concluded.

INDUSTRIES.	NUMBER OF TABULATABLE INJURIES.										TEMPORARY DISABILITIES.									
	Total.	Deaths.	Per- manent Total Disa- bilities.	Per- manent Partial Disa- bilities.	1 to 7					3 to 4					8 to 13					Over 1 Year.
					Days.	Weeks.	Days.	Weeks.	Days.	Weeks.	Days.	Weeks.	Days.	Weeks.	Days.	Weeks.	Days.	Weeks.	Days.	
Paper—Con.																				
Paper and pulp mills	613	7	—	22	64	121	85	71	66	103	39	19	15	1	584					
Pulp mills	6	1	—	—	—	2	3	—	—	—	—	—	—	—	5					
Other paper goods	356	3	—	7	43	93	43	36	25	71	21	8	4	2	346					
Printing and Bookbinding.																				
Printing and publishing establishments	744	4	—	24	133	164	89	72	58	127	43	17	11	2	716					
	744	4	—	24	133	164	89	72	58	127	43	17	11	2	716					
Textiles.																				
Carpet mills	3,559	12	—	109	386	765	420	416	308	622	276	143	80	22	3,438					
Cotton mills	95	3	—	2	16	15	6	18	7	21	6	1	1	2	93					
Dyeing and finishing textiles	1,307	3	—	35	136	294	155	142	117	230	97	53	30	6	1,269					
Hemp and jute mills	358	4	—	12	50	87	38	36	26	63	22	10	9	1	342					
Knitting mills	31	—	—	—	4	4	2	4	2	9	3	—	2	1	31					
Linen mills	140	—	—	2	21	38	21	13	8	21	10	2	4	—	138					
Print works	17	—	—	2	—	3	3	3	1	1	3	1	—	—	15					
Rope and cordage factories, twine	88	1	—	4	7	16	6	12	7	23	9	3	—	—	83					
Sail, awning and tent makers	42	—	—	4	1	4	4	5	5	9	6	4	—	—	38					
Silk mills	14	—	—	—	—	5	3	1	—	3	1	1	—	—	14					
Woolen and worsted mills	175	—	—	6	17	32	28	25	18	23	17	2	5	2	169					
Not specified textile workers	964	3	—	34	98	218	122	110	88	144	77	45	17	8	927					
	328	1	—	8	36	49	32	47	29	66	25	21	12	2	319					
Miscellaneous Industries.																				
Broom and brush makers	3,778	26	—	103	512	755	514	486	312	622	244	116	71	17	3,649					
Button makers	22	—	—	—	4	3	5	3	—	4	—	1	—	—	22					
Cigars	1	—	—	—	—	—	—	1	—	—	—	—	—	—	1					
Electric light and power companies	39	—	—	—	9	10	6	3	3	5	1	1	—	—	39					
Electrical supplies	400	8	—	4	75	99	63	42	21	52	18	8	10	—	388					
Gas works	833	3	—	36	72	121	107	133	73	173	64	33	12	6	794					
Oil works	342	—	—	2	57	91	63	34	28	40	18	3	4	2	340					
Rubber factories	328	—	—	5	55	77	44	33	20	53	17	15	7	2	323					
Straw workers	748	3	—	18	102	122	82	89	78	140	53	33	24	4	727					
Gas and electric companies	18	—	—	1	1	6	1	3	2	2	1	—	—	—	17					
Other miscellaneous industries and occupations	182	7	—	6	29	42	24	24	12	25	10	3	—	—	169					
	865	5	—	31	108	184	119	121	75	128	60	19	12	3	829					
Water Transportation.																				
Water transportation	418	4	—	3	49	85	48	60	38	77	32	13	8	1	411					
	418	4	—	3	49	85	48	60	38	77	32	13	8	1	411					
Transportation, Road, Etc.																				
Road, street, bridge, construction of	6,226	72	2	81	839	1,217	688	737	514	1,188	414	252	175	47	6,071					
	3,374	30	1	57	383	589	352	394	290	700	253	164	128	33	3,286					

TABLE IV. — *Severity of Injuries, by Industry and Extent of Disability, July 1, 1930, to June 31, 1930*

INDUSTRIES.	NUMBER OF DAYS LOST.																	
	Total.	Deaths.	Per- manent Total Disa- bilities.	Per- manent Partial Disa- bilities.	TEMPORARY DISABILITIES.													
					1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 1 Year.	Total.			
Agriculture, Forestry and Animal Husbandry.																		
Agriculture	41,620	6,000	—	10,350	256	905	1,318	1,868	1,702	5,500	3,467	3,046	4,696	2,512	25,270			
Forestry	25,290	6,000	—	4,950	157	542	808	1,099	996	3,259	1,695	1,118	2,994	1,612	14,340			
Animal husbandry	9,276	—	—	5,400	54	187	265	337	346	727	791	637	512	—	3,876			
Ice harvesting	1,192	—	—	—	18	62	94	112	79	386	70	371	—	—	1,192			
Ice harvesting	5,862	—	—	—	27	114	91	300	281	1,128	911	920	1,190	900	5,862			
Extraction of Minerals.																		
Quarrying	45,798	30,000	—	8,100	51	266	190	381	388	1,417	1,365	735	2,655	850	7,698			
Quarrying	45,798	30,000	—	8,100	51	266	190	381	388	1,417	1,365	735	2,655	850	7,698			
Building Trades.																		
Hand trades	603,976	228,000	6,000	98,850	2,110	6,319	6,596	13,183	14,200	47,630	35,016	48,610	63,769	33,693	271,126			
Hand trades	603,976	228,000	6,000	98,850	2,100	6,319	6,596	13,183	14,200	47,630	35,016	48,610	63,769	33,693	271,126			
Chemical and Allied Products.																		
Fertilizers	46,787	18,000	—	10,350	264	659	760	1,255	1,101	3,507	2,680	3,733	4,028	450	18,437			
Paints, varnish, japaning	3,103	—	—	900	37	74	66	125	145	279	260	317	900	—	2,203			
Powder, cartridges, fireworks, etc., makers	2,509	—	—	300	40	58	119	242	51	463	449	458	329	—	2,209			
Soap makers	6,630	6,000	—	—	2	35	26	20	26	180	79	262	—	—	630			
Other chemical workers	6,776	—	—	3,450	70	176	178	257	245	635	453	962	350	—	3,326			
Other chemical workers	27,769	12,000	—	5,700	115	316	371	611	634	1,950	1,439	1,734	2,449	450	10,069			
Clay, Glass and Stone Products.																		
Brickmakers	59,849	24,000	—	17,700	198	489	638	1,262	773	2,958	2,296	3,872	3,063	2,600	18,149			
Potters	2,648	—	—	300	23	54	89	147	72	483	299	641	540	—	2,348			
Potters	699	—	—	—	4	—	75	—	—	114	306	—	200	—	699			
Tile makers	1,427	—	—	—	25	59	89	55	56	152	385	606	—	—	1,427			
Glass makers and workers	1,818	—	—	—	16	38	113	293	76	338	86	458	—	—	1,818			
Lime, cement, and gypsum	15,288	6,000	—	6,150	37	103	140	279	254	395	289	857	384	400	3,138			
Marble and stone cutters	37,610	18,000	—	11,250	93	235	207	413	315	1,379	797	1,182	1,939	1,800	8,360			
Mica and isinglass	359	—	—	—	—	—	—	—	—	97	134	128	—	—	359			
Clothing.																		
Clothing makers	23,167	6,000	—	3,450	181	600	925	1,368	1,246	3,160	2,413	1,415	2,409	—	13,717			
Corset makers	19,722	6,000	—	2,250	129	482	733	1,216	1,074	2,664	2,027	1,415	1,682	—	11,472			
Hat makers, wool or felt	295	—	—	—	8	30	30	17	47	118	75	—	—	—	295			
Hat makers, wool or felt	1,109	—	—	—	84	66	79	102	345	180	—	—	245	—	1,109			
Shirt, collar and cuff makers	2,041	—	—	1,200	36	34	46	56	23	33	131	—	482	—	841			
Food and Kindred Products.																		
Bakeries	169,266	78,000	6,000	25,800	868	2,827	3,506	5,703	4,790	12,008	7,398	9,704	10,512	2,150	59,466			
Butter and cheese makers	55,932	30,000	—	5,100	177	660	881	1,479	1,622	3,941	2,626	3,529	4,167	1,750	20,832			
Candy and confectionery	18,012	12,000	—	2,700	51	103	183	300	250	441	468	604	912	—	3,312			
Fish curers and packers	19,817	6,000	—	5,700	129	361	499	791	554	1,710	696	2,026	951	400	8,117			
Flour and grain mills	12,610	6,000	—	1,500	91	323	466	880	520	1,175	486	355	814	—	5,110			
Flour and grain mills	30	—	—	—	4	—	—	35	—	—	—	—	—	—	39			
Fruit and vegetable canners	932	—	—	—	17	81	47	71	119	143	154	—	300	—	932			

Slaughter and packing houses . . .	23,571	6,000	—	6,450	238	740	784	1,222	845	2,276	1,445	1,738	1,833	—	11,121
Sugar makers and refiners . . .	3,598	—	—	1,800	50	109	117	198	169	637	293	—	225	—	1,798
Other food preparers . . .	34,755	18,000	6,000	2,550	115	446	529	727	711	1,685	1,230	1,452	1,310	—	8,205
Iron and Steel and Their Products.	367,942	126,000	—	102,900	1,296	5,050	6,433	9,501	10,435	31,707	22,541	17,074	24,457	10,548	139,042
Agricultural implements . . .	36	—	—	—	—	—	—	—	—	36	—	—	—	—	36
Automobile factories . . .	26,144	6,000	—	5,550	123	769	557	1,024	1,255	2,634	2,029	1,585	2,990	1,628	14,594
Car and railroad shops . . .	1,881	—	—	300	2	15	46	35	50	42	377	364	200	450	1,581
Foundries and metal working tools . . .	123,711	42,000	—	36,000	429	1,532	2,001	2,961	3,774	10,450	7,482	5,785	8,656	2,641	45,711
Manufacture of airplanes . . .	51,885	24,000	—	10,800	2	—	—	—	27	4,247	—	—	—	—	29
Ship and boat building . . .	51,885	24,000	—	10,800	209	782	965	1,386	1,237	4,247	3,128	2,042	1,782	1,287	17,085
Wagons and carriages . . .	450	—	—	—	—	—	—	—	—	34	—	—	—	407	450
Other iron and steel workers . . .	163,806	54,000	—	50,250	531	1,952	2,855	4,095	4,072	14,264	9,525	7,298	10,829	4,135	59,556
Leather and Its Finished Products.	157,896	36,000	—	39,600	850	2,779	3,626	6,266	5,439	17,847	14,178	11,719	15,948	3,644	82,296
Harness and saddle makers and re- pairs . . .	59	—	—	—	—	10	8	—	—	41	—	—	—	—	59
Leather belt, leather case and pocket- book makers . . .	6,161	—	—	3,600	71	95	115	219	152	738	445	371	355	—	2,561
Shoes . . .	82,230	6,000	—	22,800	501	1,735	2,191	4,137	3,854	11,680	8,794	7,638	10,481	2,419	53,430
Tanneries . . .	69,099	30,000	—	13,200	273	924	1,312	1,872	1,378	5,326	4,864	3,613	5,112	1,225	25,899
Trunk makers . . .	347	—	—	—	5	15	—	38	55	62	75	97	—	—	347
Liquors and Beverages.	13,086	6,000	—	1,650	49	127	303	340	379	1,142	703	381	1,562	450	5,436
Breweries . . .	89	—	—	—	—	—	38	—	51	—	—	—	200	—	89
Distilleries . . .	458	—	—	—	—	—	—	—	—	—	—	—	—	—	458
Other liquor and beverage workers . . .	12,539	6,000	—	1,650	49	127	265	340	328	1,142	445	381	1,362	450	4,889
Lumber and Its Re-manufacture.	126,520	42,000	—	46,800	564	1,458	2,039	3,070	3,218	9,458	6,024	4,799	4,690	2,400	37,720
Box makers (wood) . . .	11,312	—	—	6,300	34	138	331	352	358	1,388	503	488	1,020	400	5,012
Furniture . . .	27,996	6,000	—	11,700	215	501	832	1,051	919	2,451	1,655	1,468	2,451	400	10,896
Pianos and organs . . .	4,913	—	—	3,000	19	33	56	34	129	694	328	120	500	—	1,913
Saw and planing mills . . .	19,674	12,000	—	3,600	53	144	207	285	351	1,205	156	624	649	400	4,074
Other wood workers . . .	62,625	24,000	—	22,800	243	642	613	1,348	1,461	3,720	2,633	1,912	2,053	1,200	15,825
Metals and Metal Products Other than Iron and Steel.	50,693	12,000	—	20,550	197	601	620	1,363	1,313	4,271	2,756	2,821	3,301	900	18,143
Brass mills . . .	2,127	—	—	—	23	73	82	169	73	385	152	980	—	—	2,127
Clock factories . . .	454	—	—	—	6	15	8	—	—	77	148	—	200	—	454
Copper factories . . .	4,124	—	—	1,500	20	113	25	127	289	1,058	372	340	280	—	2,624
Gold and silver factories . . .	4,636	—	—	2,250	27	80	126	125	175	488	341	274	300	450	2,386
Jewelry factories . . .	8,950	—	—	7,200	25	52	107	140	130	395	147	104	300	450	1,750
Lead and zinc factories . . .	4,187	—	—	1,200	29	112	105	317	200	613	430	137	984	—	2,987
Tin plate factories . . .	7,210	—	—	5,550	13	23	42	260	150	493	331	151	197	—	1,660
Watch factories . . .	775	—	—	300	5	30	23	40	26	76	141	134	—	—	475
Copper and brass factories . . .	4,824	—	—	2,550	17	38	71	192	198	574	499	427	258	—	2,274
Other metal workers . . .	13,406	12,000	—	—	32	65	31	93	72	112	135	274	592	—	1,406
Paper.	149,939	72,000	—	37,100	430	1,614	2,118	2,737	3,292	9,722	6,223	4,816	7,237	1,650	39,839
Box makers . . .	19,529	6,000	—	6,450	84	308	291	368	676	1,484	1,157	557	2,154	—	7,079
Makers of blankbooks, envelopes, tags and labels, bags . . .	9,369	—	—	4,500	74	113	300	433	341	1,311	732	865	300	400	4,869

TABLE IV. — *Severity of Injuries, by Industry and Extent of Disability, etc. — Concluded.*

INDUSTRIES.	Total.	Deaths.	Per- manent Disa- bilities.	NUMBER OF DAYS LOST.													Over 1 Year.	Total.
				TEMPORARY DISABILITIES.														
				1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	1 Year.					
Paper—Con.																		
Paper and pulp mills	79,670	42,000	—	163	668	995	1,275	1,656	4,137	2,834	2,335	3,707	400	18,170				
Pulp mills	6,046	6,000	—	—	10	36	—	—	—	—	—	—	—	—				
Other paper goods	34,325	18,000	—	109	515	496	661	619	2,790	1,500	1,059	1,076	850	9,675				
Printing and Bookbinding.																		
Printing and publishing establishments	65,354	24,000	—	346	911	1,002	1,292	1,427	5,111	3,024	2,270	2,921	850	19,154				
Textiles.																		
Carpet mills	255,369	72,000	—	983	4,299	4,901	7,611	7,845	24,733	19,841	17,586	20,439	9,431	117,669				
Cotton mills	4,670	—	—	43	83	73	334	180	791	449	96	346	775	3,170				
Dyeing and finishing textiles	79,471	18,000	—	348	1,663	1,806	2,577	2,957	9,599	7,070	6,171	7,468	2,766	42,421				
Hemp and jute mills	42,020	24,000	—	121	485	441	681	681	2,472	1,507	1,300	2,423	400	10,520				
Knitting mills	1,547	—	—	10	24	19	74	47	390	213	—	395	375	1,547				
Linen mills	5,871	—	—	53	215	243	225	214	764	751	284	1,022	—	3,771				
Print works	1,128	—	—	19	16	36	61	28	36	191	160	—	—	528				
Rope and cordage factories, twine	11,927	6,000	—	19	99	70	211	184	828	644	422	—	—	2,477				
Sail, awning and tent makers	3,076	—	—	2	26	42	93	130	355	426	502	—	—	1,576				
Silk mills	442	—	—	—	24	27	17	—	136	84	154	—	—	442				
Woolen and worsted mills	8,852	—	—	40	175	331	450	458	930	1,262	248	1,308	950	6,152				
Not specified textile workers	68,747	18,000	—	258	1,213	1,417	2,028	2,225	5,769	5,442	5,527	4,518	3,300	31,697				
	27,618	6,000	—	89	276	396	864	741	2,663	1,802	2,713	2,959	865	13,368				
Miscellaneous Industries.																		
Broom and brush makers	334,159	156,000	—	1,327	4,202	5,874	8,818	7,910	25,156	17,425	14,249	18,352	7,046	110,359				
Button makers	532	—	—	10	20	57	55	—	131	147	112	—	—	532				
Cigars	17	—	—	—	—	—	17	—	—	—	—	—	—	17				
Electric light and power companies	864	—	—	24	50	64	54	73	233	70	93	203	—	864				
Electrical supplies	59,040	48,000	—	195	549	687	736	535	2,116	1,259	912	2,560	—	9,549				
Gas works	63,402	18,000	—	182	676	1,250	2,462	1,879	6,997	4,648	4,179	3,066	2,513	27,852				
Oil works	9,802	—	—	154	517	696	608	697	1,642	1,205	348	1,030	785	7,702				
Rubber factories	13,628	—	—	143	429	496	621	489	2,131	1,205	1,747	1,775	842	9,878				
Straw workers	62,573	18,000	—	257	678	982	1,613	1,976	5,702	3,789	4,056	1,656	1,656	26,873				
Gas and electric companies	812	—	—	3	36	14	56	47	83	73	—	—	—	512				
Other miscellaneous industries and oc- cupations	53,225	42,000	—	75	219	258	423	309	953	682	356	—	—	3,275				
	70,255	30,000	—	284	1,028	1,370	2,173	1,905	5,168	4,347	2,446	3,334	1,250	23,305				
Water Transportation.																		
Water transportation	37,949	24,000	—	130	517	579	1,121	965	2,865	2,214	1,801	2,007	400	12,599				
	37,949	24,000	—	130	517	579	1,121	965	2,865	2,214	1,801	2,007	400	12,599				
Transportation, Road, etc.																		
Road, street, bridge, construction of	732,625	432,000	12,000	2,196	6,894	7,988	13,564	13,151	46,596	29,510	35,569	44,619	19,838	219,925				
	375,391	180,000	6,000	1,022	3,350	4,117	7,294	7,439	27,535	18,222	24,834	33,203	13,925	140,941				

TABLE V. — Sex and Age of Injured in Total Tabulatable Injuries, July 1, 1930, to June 30, 1931.

ACTUAL AGE.	Total Cases.	TOTAL MALES.				TOTAL FEMALES.					
		Total.	Deaths.	Per- manent Total Disa- bilities.	Per- manent Partial Disa- bilities.	Tem- porary Total Disa- bilities.	Total.	Deaths.	Per- manent Total Disa- bilities.	Per- manent Partial Disa- bilities.	Tem- porary Total Disa- bilities.
11	2	2	—	—	—	2	—	—	—	—	—
12	3	3	—	—	—	3	—	—	—	—	—
13	5	45	2	—	—	43	8	—	—	—	8
14	53	123	1	—	3	119	25	—	—	2	23
15	148	404	1	—	7	396	136	1	—	3	132
16	540	614	1	—	16	597	260	—	—	6	254
17	874	1,020	7	—	17	996	248	—	—	3	245
18	1,268	1,143	2	—	22	1,119	258	—	—	5	253
19	1,401	1,171	3	—	19	1,149	258	—	—	2	256
20	1,429	1,469	3	—	27	1,433	241	—	—	4	240
21	1,710	1,544	8	1	27	1,519	216	—	—	1	212
22	1,760	1,544	6	—	29	1,506	188	1	—	4	183
23	1,527	1,339	4	—	29	1,310	156	—	—	4	156
24	1,495	1,339	7	—	22	1,409	195	—	—	—	195
25	1,631	1,436	6	—	21	1,409	134	—	—	1	133
26	1,350	1,216	3	—	30	1,183	107	—	—	1	106
27	1,313	1,206	4	—	11	1,191	108	—	—	—	108
28	1,472	1,364	6	—	23	1,335	102	—	—	1	101
29	1,099	1,397	1	—	17	1,379	102	—	—	1	101
30	2,098	1,943	13	—	30	1,900	155	—	—	1	154
31	964	893	4	—	15	874	71	—	—	1	70
32	1,295	1,190	6	—	25	1,159	105	—	—	7	98
33	1,092	1,009	5	—	17	987	83	—	—	1	82
34	1,109	1,031	5	—	18	1,008	78	—	—	1	78
35	1,964	1,803	7	—	33	1,763	161	—	—	2	159
36	1,270	1,171	6	—	23	1,142	99	—	—	2	97
37	945	864	8	—	15	841	81	—	—	1	80
38	1,392	1,272	4	—	27	1,241	120	—	—	3	117
39	984	901	5	—	21	875	83	—	—	2	81
40	1,791	1,623	7	—	38	1,578	168	—	—	2	168
41	814	770	3	—	19	748	44	—	—	3	41
42	1,210	1,126	6	—	23	1,097	84	—	—	3	81
43	828	767	5	—	17	745	61	1	—	—	60
44	806	765	2	—	28	735	41	—	—	1	40
45	1,398	1,248	5	—	36	1,200	120	—	—	1	119
46	1,772	1,714	12	—	21	1,689	58	—	—	2	56
47	656	616	7	—	19	590	40	—	—	—	40
48	862	804	3	1	22	778	58	—	—	—	58

[illegible]

Slaughter and packing houses
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TABLE VI. — *Total Tabulatable Injuries, by Industries and Wage Groups, etc. — Continued.*

NUMBER OF TABULATABLE INJURIES.

Under		\$10	\$10	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$17	\$18	\$19	\$20	\$21	\$22
INDUSTRIES.																
Printing and Bookbinding.																
Printing and bookbinding establishments		36	8	9	36	6	17	28	16	15	20	4	24	8	17	
		36	8	9	36	6	17	28	16	15	20	4	24	8	17	
Textiles.																
Carpet mills		95	71	66	156	101	141	190	183	165	234	206	255	213	172	
Cotton mills		1	3	1	1	4	3	3	8	4	10	5	8	6	4	
Dyeing and finishing textiles		49	35	29	70	51	63	80	87	75	90	76	93	69	54	
Hemp and jute mills		5	4	4	8	2	5	12	12	22	25	28	24	18	31	
Knitting mills		10	5	5	8	2	6	11	9	3	5	3	3	3	1	
Linen mills		1	1	4	1	2	1	1	1	7	2	5	3	8	8	
Print works		2	2	2	4	2	2	1	1	2	3	1	3	2	1	
Rope and cordage factories, twine		1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Sail, awning and tent makers		11	7	7	5	4	10	15	7	6	3	8	11	9	12	
Silk mills		8	11	17	45	26	39	55	47	33	65	53	60	74	42	
Woolen mills, worsted mills		7	3	4	13	10	10	10	7	13	21	20	34	18	18	
Not specified textile workers																
Miscellaneous Industries.																
Broom and brush makers		53	41	19	112	34	70	99	67	76	112	105	136	86	140	
Cigars and cigarettes		1	1	1	7	1	1	2	2	3	3	1	1	2	3	
Button makers		1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Electric light and power companies		11	11	4	30	4	25	22	18	15	19	20	26	18	24	
Electrical supplies, machinery, apparatus		1	1	2	2	2	2	2	2	2	2	2	2	2	2	
Gas works		1	1	2	2	2	2	2	2	2	2	2	2	2	2	
Oil works		8	12	7	26	6	15	22	27	34	42	37	33	23	51	
Rubber factories		2	2	1	1	1	1	1	1	1	1	1	1	1	1	
Straw factories		30	14	5	46	21	25	44	19	23	36	27	47	19	35	
Gas and electric companies		1	1	1	3	3	3	14	2	2	1	6	1	10	6	
Other miscellaneous industries		1	1	1	3	3	3	14	2	2	1	6	1	10	6	
Water Transportation.																
Water transportation		27	20	7	32	12	22	74	38	20	74	135	114	142	85	
Road, Street and Bridge Transportation.																
Construction of roads, streets, etc.		18	11	7	21	8	13	52	11	6	15	72	49	87	51	
Livery stables		1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Truck, transfer, cab and hack companies		8	9	9	10	3	5	21	9	9	51	5	50	34	22	
Street railways		1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Steam railroads		1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Express Companies.																
Express companies		1	1	1	2	2	2	5	2	2	6	6	14	4	2	
		1	1	1	2	2	2	5	2	2	6	6	14	4	2	

Telephone and Telegraph.		48	11	4	3	2	3	5	8	6	7	5	7	6	9
Telephone and telegraph		48	11	4	3	2	3	5	8	6	7	5	7	6	9
Air Transportation.		1	1	—	—	—	—	—	—	—	—	1	—	—	—
Air transportation		1	1	—	—	—	—	—	—	—	—	1	—	—	—
Other Persons in Transportation.		—	—	—	—	—	—	—	—	2	1	—	2	—	1
Other persons in transportation		—	—	—	—	—	—	—	—	2	1	—	2	—	1
Trade.		199	104	64	281	58	171	333	165	124	448	86	449	139	307
Banking and brokerage		2	—	—	8	2	2	3	1	3	2	2	4	3	1
Insurance		—	3	—	—	—	2	7	5	6	3	3	4	2	—
Real estate		6	6	13	18	5	4	21	7	3	24	8	26	5	8
Wholesale and retail trade		189	95	51	254	51	161	300	150	108	393	69	409	125	290
Elevators		—	—	—	—	—	—	—	—	—	2	—	—	—	—
Warehouses and cold storage plants		2	—	—	—	—	—	1	1	1	19	2	3	2	5
Other persons in trade		—	—	—	1	—	2	1	1	3	5	2	1	2	2
Clerical assistants, industry, business or profession not specified		—	—	—	—	—	—	—	—	—	—	—	—	—	1
Professional Service.		19	16	36	46	22	12	34	23	23	29	31	46	43	28
Professional service		19	16	36	46	22	12	34	23	23	29	31	46	43	28
Domestic and Personal Service.		105	82	34	161	60	102	219	112	84	211	60	207	109	118
Occupations not in industries		95	70	28	142	41	77	179	91	73	181	55	168	96	104
Laundry and laundry workers		10	12	6	19	19	25	40	21	11	30	5	39	13	14
Grand total		890	573	344	1,309	501	823	1,562	987	827	1,840	957	2,232	1,348	1,868

TABLE VI. — Total Tabulatable Injuries, by Industries and Wage Groups, etc. — Continued.

NUMBER OF TABULATABLE INJURIES.

INDUSTRIES.	\$23	\$24	\$25	\$26	\$27	\$28	\$29	\$30	\$31	\$32	\$33	\$34	\$35 and over.	Total.
Agriculture, Forestry and Animal Husbandry.														
Agriculture	13	140	87	9	63	15	3	76	7	8	4	1	51	778
Forestry	12	54	55	2	26	10	2	29	3	5	2	1	30	460
Animal husbandry	1	28	12	2	23	2	—	30	2	1	2	—	11	150
Ice harvesting	1	6	4	3	13	2	—	3	1	2	—	—	9	48
Quarrying	1	52	16	—	13	1	1	14	1	—	—	—	1	120
Extraction of Minerals.														
Quarrying	1	6	12	6	11	16	5	20	4	15	4	1	70	206
Hand trades	1	6	12	6	11	16	5	20	4	15	4	1	70	206
Building Trades.														
Hand trades	31	478	299	138	368	209	46	600	68	212	146	30	2,928	6,297
Chemical and Allied Products.														
Fertilizers	51	45	36	19	29	27	9	42	10	10	11	9	81	591
Paints, varnish and japanning	3	2	2	—	2	3	—	—	—	1	3	—	6	65
Powder, cartridges, fireworks, etc., makers	5	4	4	4	3	2	5	10	—	—	1	1	13	75
Soap makers	1	2	3	1	1	1	—	1	—	—	—	—	19	—
Other chemical workers	28	19	8	3	10	8	—	6	5	3	2	—	9	137
Clay, Glass and Stone Products.	14	18	19	11	13	13	4	25	5	6	5	8	53	295
Brick makers	18	39	23	10	42	13	8	63	4	8	13	4	177	490
Potteries	2	13	2	—	9	2	1	4	2	2	3	—	9	61
Tile makers	13	3	1	1	1	3	1	3	—	—	—	—	3	14
Glass makers	—	2	6	2	4	2	2	3	—	—	2	—	15	47
Lime, cement and gypsum	3	15	9	4	11	5	3	26	—	1	2	1	25	57
Marble and stone cutters	—	6	4	2	17	1	1	26	2	5	6	3	16	101
Mica and isinglass	—	—	—	1	—	—	—	—	—	—	—	—	3	205
Clothing.														
Clothing makers	5	11	47	7	2	9	3	26	—	5	—	—	87	529
Corset makers	3	7	42	7	2	9	3	20	—	5	—	—	79	437
Hat makers, wool or felt	—	—	1	—	—	—	—	2	—	—	—	—	—	13
Shirt, collar and cuff makers	1	4	4	—	—	—	—	4	—	—	—	—	4	43
Food and Kindred Products.														
Bakeries, bread and other bakery products	58	133	216	67	87	116	32	218	29	59	27	19	344	2,210
Butter and cheese makers	13	27	48	15	18	29	8	72	4	11	9	6	132	600
Candy and confectionery	1	5	6	2	4	13	1	12	—	7	6	2	28	114
Fish curers and packers	8	7	17	11	10	18	7	13	4	3	2	1	26	298
Flour and grain mills	5	6	47	3	6	13	1	20	3	2	5	—	31	242
Fruit and vegetable canners	1	4	—	—	1	—	1	1	—	—	—	—	—	3

Slaughter and packing houses	16	48	59	19	36	35	11	47	15	20	4	2	62	503
Sugar makers and refiners	8	18	7	2	3	3	2	2	2	4	1	4	4	89
Other food preparers	6	18	30	15	7	15	1	48	1	15	1	4	57	321
Iron and Steel and Their Products.														
Agricultural implements	104	208	288	140	280	161	79	450	84	134	97	49	1,194	4,467
Automobile factories	1	12	29	2	14	5	3	72	3	14	6	2	262	461
Car and railroad shops	2	1	2	1	3	1	1	2	1	1	1	1	7	24
Foundries and metal working, tools	20	79	97	50	80	63	24	140	25	48	31	19	337	1,439
Manufacture of airplanes	18	22	27	27	90	21	11	84	20	16	25	13	128	646
Ship and boat building	54	94	133	60	93	71	40	152	35	56	35	14	458	1,891
Wagons and carriages	75	133	247	61	69	76	11	229	18	26	19	6	408	2,565
Other iron and steel workers	3	8	7	26	5	5	1	5	1	4	1	1	16	106
Leather and Its Finished Products.														
Harness and saddle makers and repairers	19	44	139	26	32	37	6	150	12	15	13	4	309	1,631
Leather belt, leather case, pocket-book makers	53	80	100	35	32	34	4	73	5	11	5	2	80	811
Shoes	1	1	1	1	1	1	1	1	1	1	1	1	3	13
Tanneries	12	16	16	4	8	6	11	11	16	1	1	2	24	154
Trunk makers	1	1	1	1	1	1	1	1	1	1	1	1	1	5
Liquor and Beverages.														
Breweries	1	1	1	1	1	1	1	1	1	1	1	1	1	4
Distilleries	1	1	1	1	1	1	1	1	1	1	1	1	1	4
Other liquor and beverage workers	12	16	16	4	8	5	10	10	16	1	1	2	23	145
Lumber and Its Re-manufacture.														
Box makers (wood)	23	76	124	24	63	39	8	112	8	19	18	2	252	1,423
Furniture	4	14	19	6	8	4	1	11	1	6	1	1	8	183
Pianos and organs	1	4	4	3	9	11	3	31	3	1	5	1	102	466
Saw and planing mills	3	13	6	3	17	2	1	16	3	1	1	1	13	56
Other wood workers	8	23	56	12	29	18	3	47	4	9	9	1	104	595
Metal and Metal Products Other than Iron and Steel.														
Brass mills	18	29	39	14	13	13	5	58	6	10	14	7	108	585
Clock factories	1	5	6	1	2	1	1	11	1	1	1	2	16	64
Copper factories	1	1	1	1	1	1	1	1	1	1	1	1	4	11
Gold and silver factories	3	4	7	3	1	3	1	2	2	4	6	1	19	86
Jewelry factories	3	3	8	2	5	1	1	6	1	1	1	1	21	74
Lead and zinc factories	2	3	4	1	1	1	1	3	1	1	1	2	16	61
Tin plate factories	9	7	7	2	3	5	2	24	1	2	1	1	14	98
Watch factories	1	2	2	2	1	1	1	4	1	2	3	2	8	63
Copper and brass	1	1	3	1	1	1	1	1	1	1	1	1	1	19
Other metal workers	1	2	1	2	1	1	1	5	1	1	1	1	9	44
Paper.														
Box makers (paper)	80	114	83	56	65	58	28	57	36	25	23	20	174	1,378
Makers of blank books, envelopes, tags and labels, paper bags	11	7	10	6	9	5	3	10	2	4	1	4	24	234
Paper and pulp mills	12	9	6	4	3	3	2	4	3	3	2	2	19	169
Pulp mills	39	67	38	37	36	38	19	23	24	6	16	9	82	613
Other paper goods	1	2	1	1	1	1	1	1	1	1	1	1	1	6
	17	29	29	9	17	12	4	19	7	11	4	5	49	356

TABLE VI. — Total Tabulatable Injuries, by Industries and Wage Groups, etc. — Concluded.

NUMBER OF TABULATABLE INJURIES.

INDUSTRIES.	\$23	\$24	\$25	\$26	\$27	\$28	\$29	\$30	\$31	\$32	\$33	\$34	\$35 and over.	Total.
Printing and Bookbinding.														
Printing and bookbinding establishments	7	21	38	9	9	12	2	34	8	6	13	10	331	744
Textiles.														
Carpet mills	112	162	162	101	114	126	33	120	42	43	35	19	242	3,559
Cotton mills	1	4	7	2	6	4	1	5	2	1	3	—	4	95
Dyeing and finishing textiles	41	50	53	35	34	52	15	31	10	12	7	6	40	1,307
Hemp and jute mills	21	19	16	15	10	11	1	12	4	4	7	3	35	358
Knitting mills	—	6	2	1	2	—	—	1	2	2	1	—	—	31
Linen mills	1	4	8	2	3	4	—	3	—	1	—	1	24	140
Print works	—	2	1	1	1	—	—	—	—	—	—	1	2	17
Rope and cordage factories, twine	5	2	1	6	4	2	—	6	—	—	—	—	9	88
Sail, awning and tent makers	—	3	2	1	1	3	—	—	3	1	1	—	3	42
Silk mills	—	1	1	—	—	—	—	4	—	—	2	—	3	14
Salt, awning and tent makers	—	1	1	—	—	—	—	—	—	—	1	—	—	3
Woolen mills, worsted mills	6	8	7	4	2	14	1	8	2	3	1	—	3	175
Not specified textile workers	29	39	39	31	40	27	14	39	17	13	5	6	90	964
Miscellaneous Industries.														
Broom and brush makers	90	232	272	114	224	224	106	294	85	108	95	49	734	3,778
Button makers	—	1	—	—	—	—	—	2	—	—	—	—	1	22
Cigars and cigarettes	—	—	3	—	—	—	—	3	—	—	—	—	3	39
Electric light and power companies	7	19	21	7	39	24	31	32	16	11	19	11	134	400
Electrical supplies, machinery, apparatus	27	42	53	25	36	29	15	46	23	18	24	18	230	833
Gas works	—	24	9	16	22	57	13	23	13	18	12	11	79	342
Oil works	9	9	36	25	27	40	11	41	16	20	8	2	54	328
Rubber factories	28	49	58	20	48	32	18	61	5	13	12	4	57	748
Straw factories	—	—	3	—	—	—	1	1	1	—	—	—	—	18
Gas and electric companies	—	42	20	2	8	12	8	14	1	11	4	2	53	182
Other miscellaneous industries	19	45	69	19	44	31	9	71	11	16	16	1	123	865
Water Transportation.														
Water transportation	1	24	10	11	209	16	6	15	3	6	—	1	66	418
Road, Street and Bridge Transportation.														
Construction of roads, streets, etc.	41	620	420	234	391	323	82	1,181	158	233	191	94	1,456	6,226
Livery stables	14	505	160	186	275	243	48	692	101	63	126	19	521	3,374
Truck, transfer, cab and hack companies	1	1	4	1	—	—	—	6	—	—	—	—	—	22
Street railways	17	87	228	17	86	52	11	441	10	131	37	52	452	1,857
Steam railroads	2	8	8	10	10	15	21	30	39	26	18	15	303	532
Express Companies.														
Express companies	1	5	24	1	13	14	10	60	41	17	49	33	83	388
	1	5	24	1	13	14	10	60	41	17	49	33	83	388

	10	5	8	2	4	12	3	2	1	2	-	-	-	47	220
Telephone and telegraph	10	5	8	2	4	12	3	2	1	2	-	-	-	47	220
Air transportation	-	1	2	-	-	1	-	-	-	1	-	-	-	5	14
Other persons in transportation	1	11	8	5	30	7	8	37	7	-	13	-	13	11	144
Other persons in transportation	1	11	8	5	30	7	8	37	7	-	13	-	13	11	144
Trade	185	479	910	156	393	470	110	946	108	239	224	61	1,787	8,996	
Banking and brokerage	5	4	15	4	4	1	-	10	4	-	-	2	10	101	
Insurance	2	2	7	2	7	2	-	10	2	1	-	-	1	51	117
Real estate	8	16	62	3	15	6	-	47	1	9	7	4	52	405	
Wholesale and retail trade	145	437	809	144	350	444	105	853	97	220	214	53	1,568	8,084	
Elevators	1	1	2	-	-	1	-	1	1	1	1	1	38	48	
Warehouses and cold storage plants	25	14	15	4	14	13	3	17	3	7	2	1	17	170	
Other persons in trade	-	5	4	1	3	3	-	7	1	1	-	-	22	68	
Clerical assistants, industry, business or profession not specified	-	-	1	-	-	-	-	1	1	-	-	-	-	-	3
Professional service	38	33	49	12	31	23	7	43	10	15	12	3	92	776	
Professional service	38	33	49	12	31	23	7	43	10	15	12	3	92	776	
Domestic and personal service	58	108	273	48	98	77	23	210	11	51	22	9	418	3,070	
Occupations and industries	53	98	228	43	81	64	22	158	8	40	16	4	334	2,549	
Laundry and laundry workers	5	10	45	5	17	13	1	52	3	11	6	5	84	521	
Grand total	1,021	3,125	3,693	1,248	2,616	2,064	627	4,905	748	1,268	1,031	429	11,170	50,006	

Anus, perineum or rectum	4	940	10,008	181	1,572	1,959	1,581	822	492	20,704	17
External generative organs	47	-	-	3	28	-	-	-	-	28	110
Side or sides	409	1	-	103	53	-	-	-	-	56	1,219
Hernia	-	13	-	-	15	-	-	-	-	118	1,335
Sacro iliac joint	-	-	-	-	1	4	119	-	2	977	51
Buttocks	21	2	13	-	39	-	1	-	-	17	44
Upper Extremities.											
Scapula	3,149	-	-	-	1,572	1,959	1,581	822	492	20,704	17
Clavicle	-	-	-	3	28	-	-	-	-	28	110
Shoulder joint	-	-	-	103	53	-	-	-	-	56	1,219
Shoulder	268	8	25	-	15	-	-	-	-	118	1,335
Both shoulders	7	3	-	-	1	4	119	-	2	977	51
Humerus	-	8	-	-	39	-	1	-	-	17	44
Upper arm	6	5	18	-	-	7	6	-	-	40	
Elbow	213	14	92	-	72	54	96	-	1	470	
Olecranon	-	-	-	11	91	-	-	-	-	83	
Radius	-	-	-	2	11	-	-	-	-	93	
Ulna	-	-	-	4	171	-	-	-	-	11	
Radius and ulna	-	-	-	-	-	-	-	-	-	175	
Forearm	72	63	212	-	-	40	28	2	8	425	
Wrist	103	44	330	-	-	626	111	-	8	1,222	
Both wrists	-	1	-	-	7	14	6	-	-	28	
Carpus	-	-	-	19	300	-	-	-	-	319	
Arm, general	252	142	353	-	-	283	121	5	20	1,176	
Both arms, or one hand and one arm	37	75	238	-	2	10	16	1	105	274	
Arm and leg	75	18	22	-	6	18	26	-	20	185	
Hand, general	497	272	1,663	-	-	164	306	18	63	2,983	
Both hands	13	41	41	-	-	1	29	1	206	368	
Hand and foot	7	2	7	-	-	2	5	-	2	22	
Palm	31	18	473	-	-	8	69	-	2	593	
Back of hand	108	32	306	-	-	-	27	-	3	484	
One metacarpal	-	-	-	8	128	-	-	-	-	136	
Two or more metacarpals	-	-	-	-	12	-	-	-	-	12	
Thumb	307	30	1,624	13	145	107	149	94	9	2,478	
Index finger	306	26	1,648	6	112	18	124	230	5	2,469	
Middle finger	298	18	1,003	5	113	14	108	141	7	1,697	
Ring finger	152	13	527	6	80	8	59	80	3	927	
Little finger	126	3	624	3	110	10	63	95	3	1,037	
Thumb and one finger	16	12	81	-	2	2	5	4	-	122	
Thumb and two or more fingers	7	4	13	-	1	-	2	0	-	39	
Two fingers	123	19	401	1	37	4	32	92	5	714	
Three fingers	28	22	138	-	9	1	18	43	4	263	
Four fingers	18	19	47	-	3	2	7	5	4	105	
One finger, not specified	68	6	306	-	24	6	45	1	2	458	
Index finger on each hand	1	1	6	-	-	-	-	-	-	8	
Two or more fingers on both hands	3	2	8	1	-	-	-	1	7	21	
Both thumbs	3	1	5	-	-	1	2	-	-	13	
One finger on each hand	4	1	10	-	-	-	1	-	-	16	

TABLE VII. — *Location of Injury by Nature of Injury, Total Tabulatable Injuries, etc. — Concluded.*

LOCATION OF INJURY.	NATURE OF INJURY.											
	Bruises, Contusions and Abrasions.	Burns and Scalds.	Concussions.	Cuts, Punctures and Lacerations.	Dislocations.	Fractures.	Sprains and Strains.	All Other.	Amputations and Loss of Use.	Shocks (Electrical).	Occupational.	Total.
Lower Extremities.												
Hip joint	4,345	340	—	2,573	56	1,696	2,704	1,353	40	—	36	13,143
Femur	—	—	—	—	10	32	—	—	—	—	—	42
Hip	157	6	—	8	—	44	—	—	—	—	—	44
Both hips	5	—	—	—	—	—	92	42	—	—	—	305
Upper leg	98	6	—	73	—	—	30	21	—	—	—	7
Patella	—	—	—	—	30	66	—	—	—	—	—	228
Knee	614	4	—	181	—	—	508	402	—	—	—	96
Metatarsals	—	—	—	—	3	321	—	—	—	—	3	1,712
Both knees	45	—	—	7	—	—	3	9	—	—	—	324
Tibia	—	—	—	—	—	22	—	—	—	—	—	64
Fibula	—	—	—	—	—	37	—	—	—	—	—	22
Tibia and fibula	—	—	—	—	—	166	—	—	—	—	—	37
Lower leg	337	13	—	197	—	—	—	—	—	—	—	166
Leg, general	558	47	—	281	—	1	31	47	3	—	—	628
Both legs or one leg and one foot	89	37	—	20	—	9	276	192	5	4	4	1,364
Ankle	235	24	—	69	—	—	12	20	2	16	16	205
Tarsus	—	—	—	—	3	183	1,451	115	—	—	—	1,894
Both ankles	6	2	—	2	—	2	5	2	—	—	—	186
Instep	130	6	—	28	—	—	23	14	—	1	1	20
Heel	78	8	—	50	—	—	4	31	—	—	—	201
Oscutals	—	—	—	—	—	68	—	—	—	—	—	171
Both heels	—	—	—	—	—	7	—	1	—	—	—	68
Foot	1,058	151	—	1,441	—	—	250	296	1	3	3	3,200
Both feet	19	29	—	4	—	8	5	15	—	9	9	89
Great toe	590	1	—	136	8	477	9	79	11	—	—	1,311
Lesser toe	104	2	—	32	1	121	2	26	7	—	—	295
One toe not specified	69	—	—	17	1	52	2	21	1	—	—	163
Great toe and lesser toe or toes	46	1	—	30	—	30	—	5	5	—	—	96
Two or more lesser toes	102	2	—	17	—	49	1	14	5	—	—	190
Two great toes and lesser toe or toes	—	1	—	—	—	1	—	—	—	—	—	2
Body.												
Body, general	209	61	—	36	—	—	40	523	—	30	378	1,277
Constitutional	209	61	—	36	—	—	40	473	—	30	164	1,013
	—	—	—	—	—	—	—	50	—	—	214	264
Total	9,598	1,978	48	14,181	249	3,986	12,299	5,655	944	30	1,038	50,006

TABLE VIII. — Location and Nature of Injury, by Extent of Disability, July 1, 1930, to June 30, 1931.

LOCATION AND NATURE OF INJURY.	Total. Deaths.	Per- manent Total Disa- bilities.	NUMBER OF CASES.											Over 1 Year.	
			TEMPORARY DISABILITIES.												
			1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 52 Weeks.			
BRUISES, CONTUSIONS AND ABRASIONS.															
Head.	9,598	6	1,662	2,140	1,301	1,327	877	1,560	389	202	115	18	9,591		
Eye	386	—	77	101	56	51	28	34	15	11	11	2	386		
Both eyes	109	—	26	33	20	16	5	6	3	—	—	—	109		
External ear or ears	7	—	—	—	2	—	1	1	1	—	—	—	7		
Scalp	5	—	—	—	—	—	—	—	—	—	—	—	5		
Head, general	99	—	23	23	11	15	4	10	8	3	1	1	99		
Head and shoulders	132	—	21	37	18	15	12	12	2	6	8	1	132		
Head	34	—	4	5	5	5	6	5	1	2	1	—	34		
Face and Neck.	183	—	51	42	28	25	15	15	3	3	1	—	183		
Forehead	30	—	8	7	2	6	1	1	3	2	—	—	30		
Eyelids	3	—	—	1	1	—	—	—	—	—	—	—	3		
Nose	23	—	10	3	4	3	2	2	1	—	—	—	23		
Cheek	15	—	2	5	1	3	2	1	1	—	—	—	15		
Tongue	1	—	—	—	—	—	—	—	—	—	—	—	1		
Lips and chin	16	—	10	3	2	—	1	—	—	—	—	—	16		
Face, general	56	—	16	12	14	7	1	6	—	—	—	—	56		
Neck	16	—	2	5	2	1	3	3	—	—	—	—	16		
Face and hands or arms	23	—	3	5	2	5	4	2	—	1	1	—	23		
Trunk.	1,325	1	159	236	174	201	123	281	80	44	25	2	1,325		
Back	483	—	46	79	69	72	34	106	38	23	14	2	483		
Thorax	253	—	31	41	25	39	37	55	14	7	3	—	252		
Abdomen	72	—	12	10	11	8	10	15	5	1	—	—	72		
Groin	37	—	8	12	3	2	3	6	1	2	—	—	37		
Anus, perineum or rectum	4	—	1	1	—	1	—	—	—	—	—	—	4		
External generative organs	47	—	3	6	4	12	3	10	5	3	1	—	47		
Side or sides	409	—	56	84	57	65	34	85	14	7	7	—	409		
Buttocks	21	—	2	3	5	2	2	4	3	—	—	—	21		
Upper Extremities.	3,149	—	585	679	424	460	298	479	129	54	34	7	3,149		
Shoulder	268	—	44	54	33	41	23	43	14	7	7	2	268		
Both shoulders	7	—	2	2	1	—	—	—	1	—	—	—	7		
Upper arm	6	—	1	1	—	2	—	—	1	—	—	—	6		
Elbow	213	—	23	51	19	36	20	34	21	7	2	—	213		
Forearm	72	—	17	16	14	8	7	8	2	1	—	—	72		
Wrist	103	—	19	25	11	12	14	18	1	1	1	1	103		
Arm, general	252	—	42	61	38	38	13	41	8	6	3	2	252		
Both arms, or one arm and one hand	37	—	4	9	8	5	3	4	2	1	1	—	37		
Arm and leg	75	—	10	14	10	13	9	10	3	5	1	—	75		

TABLE VIII. — Location and Nature of Injury, by Extent of Disability, etc. — Continued.

LOCATION AND NATURE OF INJURY.	Total. Deaths.	Per- manent Total Disa- bilities.	Per- manent Partial Disa- bilities.	NUMBER OF CASES.										Over 1 Year.
				TEMPORARY DISABILITIES.										
				1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	52 Weeks.	
BRUISES, CONTUSIONS AND ABRASIONS.—Con.														
Upper Extremities.—Con.														
Hand, general	497	—	—	98	106	74	68	59	61	17	8	5	1	497
Both hands	13	—	—	—	4	2	2	3	—	1	—	1	—	13
Hand and foot	7	—	—	—	2	4	—	2	6	1	—	—	—	7
Palm	31	—	—	10	7	4	2	2	—	—	—	—	—	31
Back of hand	108	—	—	20	30	11	15	7	15	7	1	1	1	108
Thumb	307	—	—	75	60	37	41	27	53	7	5	2	—	307
Index finger	306	—	—	76	60	33	52	25	45	10	3	2	—	306
Middle finger	298	—	—	43	72	44	44	29	50	11	3	2	—	298
Ring finger	152	—	—	26	20	25	28	19	23	6	1	4	—	152
Little finger	126	—	—	29	28	21	14	13	16	2	3	—	—	126
Thumb and one finger	16	—	—	3	4	1	2	—	4	2	—	—	—	16
Thumb and two or more fingers	7	—	—	2	3	1	—	—	1	—	—	—	—	7
Two fingers	123	—	—	20	19	14	20	13	31	5	1	—	—	123
Three fingers	28	—	—	3	8	1	4	4	4	4	—	—	—	28
Four fingers	18	—	—	1	6	3	1	3	3	—	—	1	—	18
One finger, not specified	68	—	—	14	15	14	10	5	7	1	2	—	—	68
Index finger on each hand	1	—	—	—	—	—	—	—	—	1	—	—	—	1
Two or more fingers on both hands	3	—	—	2	—	—	—	—	—	—	—	—	—	3
Both thumbs	3	—	—	—	1	—	—	—	1	—	—	1	—	3
One finger on each hand	4	—	—	1	1	—	2	—	—	—	—	—	—	4
Lower Extremities.														
Hip	4,345	3	1	772	1,036	583	564	398	708	154	82	39	5	4,341
Both hips	157	—	—	32	50	22	13	12	18	4	4	1	1	157
Upper leg	5	—	—	1	1	1	—	—	2	—	—	—	—	5
Knee	98	—	—	14	24	13	11	9	17	6	3	1	—	98
Both knees	614	—	—	102	126	85	97	66	93	21	13	11	—	614
Lower leg	45	—	—	9	5	9	9	7	4	1	1	—	—	45
Leg, general	337	1	1	58	66	32	37	43	64	21	8	6	3	335
Both legs	558	1	—	95	128	68	68	57	91	27	18	3	2	557
Ankle	89	—	—	11	16	15	18	3	19	5	1	1	—	89
Both ankles	235	1	—	47	60	30	23	7	47	9	9	2	—	234
Both heels	6	—	—	1	2	—	2	1	—	—	—	—	—	6
Foot	5	—	—	1	1	1	1	1	—	—	—	—	—	5
Both feet	1,058	—	—	189	273	157	115	75	189	33	17	9	1	1,058
Great toe	19	—	—	4	5	2	—	1	4	1	1	—	—	19
Lesser toe	590	—	—	99	140	95	83	64	89	14	4	2	—	590
One toe, not specified	104	—	—	21	30	8	11	13	18	1	1	—	—	104
Great toe and lesser toes or toe	69	—	—	18	22	4	10	7	8	—	—	—	—	69
	46	—	—	10	7	7	9	5	4	3	1	—	—	46

Two or more lesser toes	102	17	23	11	30	6	11	3	1	1	102
Instep	130	24	42	10	18	12	19	4	1	1	130
Heel	78	19	15	13	9	9	11	1	1	1	78
Body.	209	18	46	36	26	15	43	8	5	2	207
Body, general	209	18	46	36	26	15	43	8	5	2	207
BURNS AND SCALDS.											
Head.	1,978	284	369	302	312	204	312	91	41	27	1,947
Eye	231	58	70	29	24	17	18	9	3	3	231
Both eyes	159	40	51	15	19	13	13	3	3	2	159
External ear or ears	57	16	15	13	4	3	2	3	1	1	57
Head, general	4	1	1	1	1	1	1	1	1	1	4
Head and shoulders	5	1	2	1	1	1	2	2	1	1	5
Head and shoulders	6	1	2	1	1	1	2	2	1	1	6
Face and Neck.	350	40	63	67	52	32	70	9	7	7	348
Forehead	2	1	1	1	1	1	1	1	1	1	2
Eyelids	6	1	5	1	1	1	1	1	1	1	6
Cheek	1	1	1	1	1	1	1	1	1	1	1
Lips and chin	1	1	1	1	1	1	1	1	1	1	1
Face, general	128	27	33	31	16	7	12	1	1	1	128
Face, general	7	2	2	1	1	1	2	1	1	1	7
Neck	2	1	1	1	1	1	1	1	1	1	2
Throat	203	11	22	31	36	24	56	8	7	6	201
Face and hands or arms											
Trunk.	56	6	2	14	4	8	16	2	2	2	54
Back	16	3	1	3	1	2	6	1	1	1	16
Thorax	14	1	1	5	1	2	4	1	1	1	14
Abdomen	10	1	1	5	1	2	2	1	1	1	10
External generative organs	1	1	1	1	1	1	1	1	1	1	1
Side or sides	13	2	1	1	2	2	3	1	1	1	11
Buttocks	2	1	1	1	1	1	1	1	1	1	2
Upper Extremities.	940	137	188	152	180	102	116	32	18	11	939
Shoulder	8	1	1	4	1	1	1	1	1	1	8
Both shoulders	3	2	2	2	1	1	2	1	1	1	3
Upper arm	5	1	1	3	1	2	3	1	1	1	5
Elbow	14	13	2	9	13	4	10	2	1	1	14
Forearm	63	13	11	9	13	4	10	2	1	1	63
Wrist	44	6	9	4	10	7	5	2	1	1	44
Both wrists	1	1	1	1	1	1	1	1	1	1	1
Arm, general	142	30	29	21	30	12	14	2	2	2	142
Both arms, or one arm and one hand	75	5	9	14	16	6	13	6	4	1	75
Arm and leg	18	3	3	1	1	1	6	1	1	1	17
Hand, general	272	35	65	44	46	38	27	10	3	2	272
Both hands	77	6	13	15	14	9	10	4	3	3	77
Hand and foot	2	1	1	1	1	1	1	1	1	1	2
Palm	18	6	2	5	2	1	2	2	1	1	18
Back of hand	32	5	9	7	6	1	4	1	1	1	32
Thumb	30	2	8	4	5	4	5	1	1	1	30
Index finger	26	4	7	3	6	3	3	1	1	1	26
Middle finger	7	1	2	1	1	1	2	1	1	1	7

TABLE VIII. — *Location and Nature of Injury, by Extent of Disability, etc. — Continued.*

LOCATION AND NATURE OF INJURY.	Total. Deaths.	Per- manent Disa- bilities.	Per- manent Partial Disa- bilities.	NUMBER OF CASES.										Over 1 Year.
				TEMPORARY DISABILITIES.										
				1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.		
BURNS AND SCALDS.—Con.														
Upper Extremities.—Con.														
Ring finger.	13	—	—	—	4	2	3	1	2	—	—	1	—	13
Little finger	3	—	—	—	2	1	4	1	1	—	—	—	—	3
Thumb and one finger	12	—	—	—	2	1	4	2	1	—	—	—	—	12
Thumb and two or more fingers	4	—	—	—	2	2	7	3	1	1	—	—	—	4
Two fingers	19	—	—	—	4	2	6	3	2	2	—	—	—	19
Three fingers	22	—	—	—	3	2	6	3	4	1	1	—	—	22
Four fingers	19	—	—	—	2	5	4	1	2	2	—	—	—	19
Index finger on each hand	1	—	—	—	1	—	—	—	—	—	—	—	—	1
One finger, not specified	6	—	—	—	2	1	1	1	—	—	—	—	—	6
Two or more fingers on both hands	1	—	—	—	—	1	—	—	—	—	—	—	—	1
Both thumbs	2	—	—	—	—	1	—	—	1	—	—	—	—	2
One finger on each hand	1	—	—	—	—	—	—	—	—	—	—	—	—	1
Lower Extremities.														
Hip	340	2	—	—	42	39	37	44	44	84	33	9	6	338
Upper leg	6	—	—	—	4	1	1	—	—	—	—	—	—	6
Knee	4	—	—	—	2	2	—	2	—	1	1	—	—	4
Lower leg	13	—	—	—	1	1	2	4	1	3	1	—	—	13
Leg, general	47	—	—	—	6	6	4	9	4	11	5	1	1	47
Both legs	37	1	—	—	4	3	3	5	5	10	4	3	1	36
Ankle	24	—	—	—	6	2	2	4	3	3	3	1	—	24
Both ankles	2	—	—	—	—	—	—	—	—	1	1	—	—	2
Instep	6	—	—	—	1	—	—	—	—	4	1	—	—	6
Heel	8	—	—	—	—	2	2	—	—	3	—	—	—	8
Foot	151	—	—	—	12	20	19	18	25	38	13	2	4	151
Both feet	29	1	—	—	3	1	2	3	5	9	3	2	—	28
Great toe	1	—	—	—	1	1	—	1	—	—	—	—	—	1
Lesser toe	2	—	—	—	—	—	—	—	—	—	—	—	—	2
Great toe and lesser toes or toe	1	—	—	—	—	—	1	—	—	—	—	—	—	1
Two or more lesser toes	2	—	—	—	1	—	1	—	1	—	—	—	—	2
Two great toes and lesser toes or toe	1	—	—	—	—	—	1	—	—	—	—	—	—	1
Body.														
Body, general	61	24	—	—	7	7	3	8	1	8	6	2	—	37
Head.	61	24	—	—	7	3	3	8	1	8	6	2	—	37
CONCUSSIONS.														
Head.														
Brain	48	1	—	—	2	2	2	4	2	12	6	6	7	4
	48	1	—	—	2	2	2	4	2	12	6	6	7	4
	48	1	—	—	2	2	2	4	2	12	6	6	7	4

CUTS, PUNCTURES AND LACERATIONS. 14,181

	4	2,571	3,446	2,131	2,039	1,242	1,917	453	244	106	15	14,165
Head.	4	217	229	119	75	42	87	31	18	9	2	829
Eye	-	71	75	45	25	13	26	6	3	1	-	265
Both eyes	-	1	1	-	-	-	-	-	-	-	-	-
External ear	-	6	5	1	2	-	3	-	2	-	1	20
Scalp	-	119	131	57	35	25	49	22	10	6	1	455
Head, general	-	20	17	14	11	4	7	3	2	1	1	79
Head and shoulders	-	-	-	2	2	1	2	-	1	-	-	9
Face and Neck.	-	170	181	94	68	40	49	14	10	5	-	631
Forehead	-	71	77	27	22	17	12	6	2	-	-	236
Eyelids	-	8	9	2	1	2	2	-	-	-	-	24
Nose	-	18	13	12	13	3	2	2	-	-	-	53
Cheek	-	18	15	19	4	1	5	1	-	-	-	53
Tongue	-	-	-	2	-	-	-	-	-	-	-	3
Lips and chin	-	34	27	16	9	3	8	-	-	-	-	101
Face, general	-	23	30	17	12	9	15	3	4	1	-	113
Neck	-	2	2	4	1	1	1	-	-	-	-	11
Throat	-	6	7	5	6	4	3	2	1	2	-	36
Face and hands or arms	-	-	-	-	-	-	-	-	-	-	-	-
Trunk.	-	20	24	15	23	4	9	2	1	2	-	100
Back	-	5	4	4	5	4	2	-	1	1	-	24
Thorax	-	3	3	3	3	1	-	-	-	-	-	13
Abdomen	-	-	-	2	3	-	-	-	-	-	-	10
Groin	-	3	2	-	1	-	1	-	-	-	-	7
Anus, perineum or rectum	-	-	-	-	2	-	2	-	-	-	-	4
External generative organs	-	-	-	1	7	2	1	1	-	-	-	3
Side or sides	-	6	5	3	7	2	2	1	-	-	-	26
Buttocks'	-	3	4	2	2	1	1	-	-	-	-	13
Upper Extremities.	7	1,682	2,257	1,529	1,534	965	1,444	331	172	77	10	10,001
Shoulder	-	7	3	2	8	2	1	1	1	-	-	25
Upper arm	-	3	5	1	5	2	2	1	-	-	-	18
Elbow	-	12	15	17	20	11	13	2	1	-	-	92
Forearm	-	26	50	25	50	21	33	3	1	3	-	212
Wrist	-	57	92	61	41	32	24	11	5	6	1	330
Arm, general	-	54	86	57	53	39	41	11	9	1	2	353
Both arms, or one hand and one arm	-	3	2	5	5	3	8	-	1	-	-	28
Arm and leg	-	2	6	6	1	3	3	-	-	-	-	22
Hand, general	-	288	409	269	248	148	206	44	1	-	-	1,663
Both hands	-	7	10	7	4	4	5	1	2	15	4	22
Hand and foot	-	-	-	-	-	-	-	-	-	-	-	41
Palm	-	99	100	81	67	41	58	2	8	3	-	473
Back of hand	-	50	65	46	51	32	43	15	4	1	-	306
Thumb	-	263	366	239	227	164	270	54	25	13	1	1,622
Index finger	2	268	373	243	275	153	248	58	20	9	-	1,647
Middle finger	1	170	221	150	173	85	145	28	23	7	-	1,003
Ring finger	-	105	100	74	81	57	89	14	5	2	1	527
Little finger	-	108	137	93	78	68	68	26	9	7	-	624
Thumb and one finger	-	6	20	14	14	8	16	4	2	2	-	81
Thumb and two fingers	-	2	2	1	4	1	3	-	-	-	-	13

[illegible]

TABLE VIII. — Location and Nature of Injury, by Extent of Disability, etc. — Continued.

LOCATION AND NATURE OF INJURY.	NUMBER OF CASES.													Total.
	Total. Deaths.	Per- manent Total Disa- bilities.	TEMPORARY DISABILITIES.											
			1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 1 Year.		
FRACTURES.—Con.														
Shoulder joint	15	1	—	—	—	1	—	—	8	4	1	—	—	14
Both shoulders	—	—	—	—	—	—	—	—	1	—	—	—	—	1
Humerus	1	—	—	—	—	—	—	—	10	11	4	9	—	36
Olecranon	72	—	—	—	—	—	—	—	22	16	4	11	2	70
Radius	91	—	—	3	5	12	7	23	23	20	9	—	—	90
Ulna	11	—	—	—	—	—	2	3	5	3	—	—	—	11
Radius and ulna	171	—	—	3	3	6	6	50	42	32	27	6	—	169
Both wrists	7	—	—	—	—	—	—	1	1	3	2	7	—	7
Carpus	300	—	2	9	10	22	—	117	66	40	23	2	—	293
Both arms, or one hand and one arm	2	—	—	—	—	—	—	—	—	—	—	—	—	2
Arm and leg	6	—	—	—	—	—	1	2	—	—	1	3	—	6
One metacarpal	128	—	1	4	4	8	14	64	15	11	7	—	—	128
Two or more metacarpals	12	—	—	2	2	—	—	4	2	1	2	—	—	12
One finger, not specified	24	—	1	1	2	3	4	10	4	2	—	—	—	24
Thumb	145	—	4	3	12	6	14	73	21	10	2	—	—	145
Index finger	112	—	2	6	10	10	10	48	17	6	4	—	—	112
Middle finger	113	—	3	5	7	8	13	50	20	6	—	—	—	112
Ring finger	80	—	3	1	7	8	9	35	12	4	1	—	—	80
Little finger	110	—	5	3	10	11	13	47	12	8	1	—	—	110
Thumb and one finger	2	—	—	—	—	—	—	1	—	—	—	—	—	2
Thumb and two fingers	1	—	—	—	—	—	—	—	—	—	—	—	—	1
Two fingers	37	—	1	2	1	1	1	13	9	6	3	1	—	37
Three fingers	9	—	—	—	—	—	—	3	1	4	1	—	—	9
Four fingers	3	—	—	—	—	—	—	1	—	—	—	—	—	3
Lower Extremities.														
Hip joint	1,696	32	21	53	82	114	117	516	290	212	177	69	1,651	—
Femur	32	—	—	—	—	—	2	—	3	3	9	7	24	—
Patella	44	—	—	—	—	—	—	3	5	4	13	7	32	—
Tibia	66	—	—	—	—	—	—	12	11	16	19	4	63	—
Fibula	22	—	—	—	—	—	—	1	5	7	8	—	21	—
Tibia and fibula	37	—	—	—	—	—	—	2	11	14	6	3	37	—
Both heels	166	—	—	—	1	1	2	9	31	51	54	8	157	—
Leg, general	7	—	—	—	—	—	—	—	—	—	—	—	7	—
Both legs	1	—	—	—	—	—	—	—	—	—	—	—	1	—
Tarsus	9	—	—	—	—	—	—	—	—	—	—	—	9	—
Metatarsals	183	—	—	—	—	—	—	—	—	—	—	—	183	—
Both ankles	321	—	1	1	1	6	9	38	50	40	27	4	177	—
Oscalsis	2	—	2	8	13	16	12	115	82	49	20	2	319	—
Both feet	68	—	—	—	—	—	1	9	9	13	12	2	68	—

Great toe	477	1	9	23	46	65	55	211	49	11	7	85	12,277	476
Lesser toe	121	-	4	9	13	10	19	50	13	3	-	-	1	121
One toe, not specified	52	-	5	10	4	2	7	20	4	-	-	-	1	52
Great toe and lesser toes or toe	30	-	-	-	1	2	4	15	7	1	-	-	1	30
Two or more lesser toes	49	-	-	2	3	7	4	21	7	5	-	-	1	49
Two great toes and lesser toes or toe	1	-	-	-	-	-	-	1	-	-	-	-	-	1
SPRAINS AND STRAINS.														
Head.	12,299	11	1,190	2,499	1,478	1,475	1,046	2,300	1,241	639	324	85	12,277	1
Both eyes	1	-	1	-	-	-	-	-	-	-	-	-	1	1
Face and Neck	63	-	12	16	12	5	7	8	2	1	-	-	63	63
Neck	63	-	12	16	12	5	7	8	2	1	-	-	63	63
Trunk.														
Back	7,532	11	599	1,235	847	815	632	1,521	1,040	506	244	72	7,511	72
Thorax	4,989	3	434	923	691	666	488	927	345	246	193	66	4,979	66
Throat	116	1	16	28	13	16	14	19	3	3	3	-	115	3
Abdomen	263	2	37	57	34	27	31	40	21	10	3	-	260	3
Groin	158	-	19	41	17	18	12	23	22	5	1	-	158	1
Anus, perineum or rectum	2	-	2	3	-	2	-	-	-	-	-	-	2	-
External generative organs	17	-	3	2	1	2	1	4	2	-	-	1	17	1
Hernia	1,335	5	10	20	14	13	22	385	612	211	39	2	1,328	2
Side or sides	605	-	79	159	74	69	58	103	32	26	3	2	605	2
Sacro-iliac joint	47	-	1	2	3	4	6	20	3	5	2	1	47	1
Upper Extremities.														
Shoulder	1,959	-	239	486	239	281	196	342	83	52	35	5	1,958	5
Both shoulders	555	-	54	115	66	71	63	105	39	24	15	3	555	3
Upper arm	7	-	1	2	-	1	1	3	-	-	-	-	7	4
Elbow	54	-	14	12	9	7	2	8	-	-	-	-	54	7
Forearm	40	-	2	13	4	7	6	7	-	2	-	-	40	54
Wrist	626	1	75	173	75	108	58	105	18	1	7	-	625	40
Both wrists	14	-	3	3	1	2	-	4	1	6	7	-	14	625
Arm, general	283	-	34	71	32	37	27	50	13	10	8	1	283	14
Both arms, or one hand and one arm	10	-	1	3	3	2	2	4	1	2	1	-	10	1
Arm and leg	18	-	1	3	1	5	2	3	2	1	-	-	18	10
Hand, general	164	-	27	50	28	16	16	19	5	2	1	-	164	2
Both hands	2	-	1	-	-	-	-	-	-	-	-	-	2	1
Hand and foot	8	-	3	-	1	-	-	1	-	-	-	-	8	2
Back of hand	107	-	13	27	13	15	13	19	3	2	1	1	107	8
Thumb	18	-	3	5	-	2	-	-	-	-	-	-	18	1
Index finger	14	-	2	3	1	2	3	2	1	1	1	-	14	18
Middle finger	8	-	1	1	1	3	1	2	-	-	-	-	8	14
Ring finger	10	-	2	2	1	1	1	3	-	-	-	-	10	8
Little finger	2	-	-	-	-	-	-	1	1	-	-	-	2	10
Thumb and one finger	4	-	-	-	-	-	-	1	1	-	1	-	4	2
Two fingers	1	-	-	-	-	-	-	1	-	-	-	-	1	4
Three fingers	6	-	-	-	-	-	-	1	-	-	-	-	6	1
One finger, not specified	1	-	3	1	1	-	-	1	-	-	-	-	1	2
Both Thumbs	1	-	1	1	1	-	-	1	-	-	-	-	1	6

TABLE VIII. — *Location and Nature of Injury, by Extent of Disability, etc.* — Continued.

LOCATION AND NATURE OF INJURY.		Per- manent Total Partial Deaths. Disa- bilities. bilities.	NUMBER OF CASES.												Over 1 Year.
			TEMPORARY DISABILITIES.												
			1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.				
SPRAINS AND STRAINS.—Con.															
Lower Extremities.															
Hip	2,704	—	332	750	378	368	206	424	115	79	44	8	2,704		
Upper leg	92	—	6	23	10	14	11	11	4	8	4	1	92		
Knee	30	—	1	3	2	9	5	5	2	3	3	—	30		
Both knees	508	—	35	97	56	80	48	109	39	23	18	3	508		
Both legs	3	—	—	—	1	1	1	1	—	—	—	—	3		
Lower leg	12	—	—	2	—	—	—	—	—	2	—	—	12		
Leg, general	31	—	1	12	2	5	3	6	1	1	—	—	31		
Leg, general	276	—	35	74	35	26	18	52	22	9	3	2	276		
Ankle	1,451	—	196	437	232	200	99	202	40	30	14	1	1,451		
Both ankles	5	—	1	1	—	1	—	1	1	—	—	—	5		
Instep	23	—	3	7	3	3	2	5	—	—	—	—	23		
Heel	4	—	1	—	1	—	—	1	—	—	—	—	4		
Foot	250	—	43	91	34	24	16	28	6	6	1	1	250		
Both feet	5	—	1	2	1	—	1	—	—	—	—	—	5		
Great toe	9	—	5	—	—	2	2	—	—	—	—	—	9		
Lesser toe	2	—	2	—	—	—	—	—	—	—	—	—	2		
One toe, not specified	2	—	—	1	1	—	—	—	—	—	—	—	2		
Two or more lesser toes	1	—	1	—	—	—	—	—	—	—	—	—	1		
Body.															
Body, general	40	—	7	12	2	6	5	5	1	1	1	—	40		
ALL OTHER.															
Head.															
Eye	5,655	96	1,003	1,429	612	578	428	805	297	228	145	32	5,557		
Both eyes	1,165	2	353	353	140	88	54	97	27	22	19	10	1,163		
Internal ear	889	—	295	273	98	69	41	75	16	8	8	6	889		
Internal ears	90	—	27	16	7	7	5	5	1	1	1	—	90		
Internal ear or ears	9	—	1	2	3	1	1	1	—	1	—	—	9		
Scalp	10	—	2	6	—	—	—	—	—	1	—	—	10		
Scalp	13	—	1	4	3	—	—	2	—	1	—	—	13		
Head, general	141	2	26	39	18	9	6	11	9	10	9	2	139		
Head and shoulders	12	—	1	2	2	2	1	2	1	—	1	—	12		
Face and Neck.															
Forehead	174	1	41	45	13	33	12	16	3	5	4	1	173		
Eyelids	7	—	2	2	1	—	—	1	1	—	—	—	7		
Nose	4	—	2	1	—	—	1	1	—	—	—	—	4		
Cheek	25	—	8	9	2	2	2	2	—	—	—	—	25		
Teeth	47	—	17	12	4	5	6	2	1	—	—	—	47		

Index finger	230																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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TABLE VIII. — *Location and Nature of Injury, by Extent of Disability, etc. — Concluded.*

LOCATION AND NATURE OF INJURY.	Total Deaths.	Per- manent Disa- bilities.	Per- manent Partial Disa- bilities.	NUMBER OF CASES.											Over 1 Year.
				TEMPORARY DISABILITIES.											
				1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	52 to 1 Year.		
OCCUPATIONAL.—Con.															
Upper Extremities.—Con.															
Forearm	8	—	—	2	1	—	2	1	1	—	1	—	—	8	
Wrist	8	—	—	2	2	—	1	1	1	—	—	—	—	8	
Arm, general	20	—	—	3	23	17	6	3	1	1	—	—	—	20	
Both arms, or one hand and one arm	105	—	—	3	17	17	11	11	18	7	6	3	—	105	
Arm and leg	20	—	—	1	6	3	3	2	3	1	1	—	—	20	
Hand, general	63	—	—	9	5	6	9	11	13	4	5	1	—	63	
Both hands	206	—	—	9	19	22	28	20	42	24	31	9	2	206	
Hand and foot	2	—	—	1	—	—	—	—	1	—	—	—	—	2	
Palm	2	—	—	—	—	—	—	—	1	—	—	—	—	2	
Back of hand	3	—	—	—	—	1	—	—	—	2	—	—	—	3	
Thumb	9	—	—	1	1	1	2	1	2	1	—	—	—	9	
Index finger	5	—	—	—	3	—	—	—	1	—	—	—	—	5	
Middle finger	7	—	—	—	2	1	2	2	—	—	—	—	—	7	
Ring finger	3	—	—	—	1	2	1	—	—	—	—	—	—	3	
Little finger	3	—	—	—	1	1	1	—	—	—	—	—	—	3	
Thumb and two fingers	3	—	—	—	1	—	1	—	1	—	1	—	—	3	
Two fingers	5	—	—	—	2	—	—	—	3	—	—	2	—	5	
Three fingers	4	—	—	—	—	—	1	1	1	—	—	2	—	4	
Four fingers	4	—	—	—	—	—	—	—	1	—	—	—	—	4	
One finger, not specified	2	—	—	—	2	—	—	—	1	—	—	—	—	2	
Two or more fingers on both hands	7	—	—	—	—	—	1	2	2	2	—	—	—	7	
Lower Extremities.															
Both ankles	36	—	—	—	11	5	2	6	9	3	—	—	—	36	
Knee	1	—	—	—	—	—	—	—	1	—	—	—	—	1	
Leg, general	3	—	—	—	1	—	—	1	1	—	—	—	—	3	
Both legs	16	—	—	—	4	4	2	2	3	—	—	—	—	16	
Foot	3	—	—	—	1	—	—	2	—	—	—	—	—	3	
Both feet	9	—	—	—	3	1	—	1	3	1	—	—	—	9	
Body.															
Body, general	378	12	17	33	66	48	39	29	50	26	18	30	10	349	
Constitutional	164	—	—	11	29	31	27	17	30	8	4	5	2	164	
	214	12	17	22	37	17	12	12	20	18	14	25	8	185	
Grand Total	50,006	282	5	6,853	10,196	6,162	6,143	4,242	8,487	3,259	1,900	1,161	285	48,688	

TABLE IX. — *Cases of Infection, by Nature of Injury, July 1, 1930, to June 30, 1931.*

NATURE OF INJURY.	Total.	Fatals.	Permanent Partial Disabilities.	Temporary Total Disabilities.
Abrasions, contusions and bruises	697	3	1	693
Burns	121	—	—	121
Cuts, punctures and lacerations	3,123	10	—	3,113
Fractures	5	1	—	4
Sprains and strains	7	—	—	7
All other	760	2	—	758
Amputations	25	—	25	—
Grand total	4,738	16	26	4,696

TABLE X. — *Causes of Injuries, by Extent of Disability, July 1, 1930, to June 30, 1931.*

CAUSES.	NUMBER OF TABULATABLE INJURIES.					DAYS LOST DUE TO —										
	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.				TEMPORARY DISABILITIES.							
					Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.	Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.				
Machinery.																
PRIME MOVERS.	6,238	43	—	607	2,457	731	718	1,682	843,436	258,000	—	395,600	160,807	13,335	8,397	7,297
Compressed air motors	55	1	—	5	23	8	4	14	13,966	6,000	—	6,600	1,134	141	39	52
Electric motors and dynamos	27	—	—	3	12	7	2	3	6,455	—	—	5,700	602	126	17	10
Gas and gasoline engines	10	—	—	—	4	1	2	3	261	—	—	—	217	15	22	7
Steam engines	13	1	—	1	4	—	—	7	6,783	6,000	—	600	151	—	—	32
Other prime movers	4	—	—	1	3	—	—	—	464	—	—	300	164	—	—	—
	1	—	—	—	—	—	—	1	3	—	—	—	—	—	—	3
POWER-TRANSMISSION APPARATUS.																
Belts and pulleys	95	1	—	8	54	9	6	17	18,863	6,000	—	8,400	4,154	167	70	72
Chains and sprockets	63	—	—	2	37	7	5	12	7,043	—	—	3,900	2,899	132	56	56
Cogs, cans, gears, and friction wheels	7	—	—	3	2	—	1	—	1,023	—	—	900	104	—	14	5
Ropes, cables and drums	8	—	—	—	5	1	—	2	168	—	—	—	145	—	—	7
Set screws, keys and bolts	2	—	—	1	1	—	—	—	482	—	—	300	182	—	—	—
Shafts	14	1	—	2	1	1	—	—	37	—	—	—	37	—	—	—
	—	—	—	—	8	1	—	2	10,110	6,000	—	3,300	787	19	—	4
FARM MACHINES.																
Miscellaneous machines	19	—	—	1	9	3	—	6	2,781	—	—	2,400	293	57	—	31
Feed and ensilage, cutting and shredding machines	17	—	—	1	7	3	—	6	2,725	—	—	2,400	237	57	—	31
	2	—	—	—	2	—	—	—	56	—	—	—	56	—	—	—
ENGINEERING AND CONTRACTING MACHINES.																
Miscellaneous machines	174	3	—	13	82	15	16	45	33,926	18,000	—	9,000	6,251	285	200	190
Concrete mixers	103	3	—	5	61	7	8	19	25,301	18,000	—	1,800	5,183	138	103	77
Crowding machines and cement guns	48	—	—	8	13	5	5	17	8,064	—	—	7,200	634	95	59	76
Road rollers	1	—	—	—	—	—	—	—	5	—	—	—	—	—	5	5
Rock drills	6	—	—	—	2	—	2	2	165	—	—	—	134	—	26	5
Well drills	15	—	—	—	5	3	1	6	272	—	—	—	181	52	12	27
	1	—	—	—	1	—	—	—	119	—	—	—	119	—	—	—
CHEMICAL PRODUCTS MACHINES.																
Miscellaneous machines	6	—	—	—	1	3	—	2	124	—	—	—	59	59	—	6
	6	—	—	—	1	3	—	2	124	—	—	—	59	59	—	6

	15		2	1	4	3	2,599		2,400	124	19	39	17
<i>Soaps, Greases, Oils and Fertilizers.</i>													
Miscellaneous machines	7	-	2	1	1	1	1,208	-	1,050	124	19	8	7
Barreling, bagging, packing and wrapping machines, automatic or semi-automatic	2	-	-	-	-	1	303	-	300	-	-	-	3
Soap stamping presses, hand and foot operated	2	-	-	-	2	1	23	-	1,050	-	-	23	7
Soap stamping presses, power operated	4	-	-	-	-	1	1,065	-	-	-	-	8	-
<i>Acids and Salts.</i>													
Miscellaneous machines	2	-	-	-	-	2	10	-	-	-	-	-	10
	2	-	-	-	-	2	10	-	-	-	-	-	10
<i>Drugs.</i>													
Miscellaneous machines	13	-	5	-	-	6	788	-	600	161	-	-	27
Mixers (excluding pony mixers)	9	-	4	-	-	3	743	-	600	130	-	-	13
	4	-	1	-	-	3	45	-	-	31	-	-	14
<i>CLAY, GLASS AND STONE PRODUCTS.</i>													
Brick making machinery	37	-	22	5	2	7	2,681	-	750	1,780	96	25	30
Molding machines.	3	-	2	1	-	1	99	-	-	78	21	-	-
	2	-	-	1	-	1	19	-	-	-	17	-	2
<i>Cement Making Machines.</i>													
Cement making machines	1	-	-	-	1	-	13	-	-	-	-	13	-
<i>Glass Making Machinery.</i>													
Glass making machines	3	-	1	1	-	1	50	-	-	28	16	-	6
Polishing wheels	1	-	-	-	-	-	54	-	-	54	-	-	-
Presses	3	-	3	-	-	-	136	-	-	136	-	-	-
Surface grinding machines	3	-	1	-	-	2	161	-	-	150	-	-	11
Pottery making machines	1	-	1	-	-	-	54	-	-	54	-	-	-
<i>Stone Working Machines.</i>													
Stone crushers	2	-	1	1	-	-	81	-	-	60	21	-	-
Stone working machines, other than crushers	11	-	9	1	1	-	1,787	-	750	1,025	21	12	-
Drills	6	-	2	1	-	3	183	-	-	151	-	-	-
Planers	1	-	1	-	-	-	44	-	-	44	-	-	-
<i>CLOTHING MACHINES.</i>													
Miscellaneous machines	195	-	57	21	46	69	5,482	-	1,500	2,784	382	535	281
Sewing machines	40	-	16	4	9	10	2,300	-	1,200	884	69	104	43
Cutting machines	131	-	33	14	32	52	2,441	-	-	1,606	259	371	205
	24	-	8	3	5	7	741	-	300	294	54	60	33
<i>Food Products MACHINES.</i>													
Miscellaneous machines	306	1	102	42	43	87	30,683	6,000	16,950	6,065	773	512	383
Barreling, bagging, packing and wrapping machines	86	-	32	11	13	20	8,052	-	5,100	2,502	206	156	88
Bottling machines	21	-	4	5	-	10	1,212	-	900	174	95	-	43
Cleaning, preparing and sorting machines	9	-	3	1	2	3	173	-	-	125	17	20	11
Containing, washing and cleaning machines	1	-	1	-	-	-	39	-	-	39	-	-	-
Cookers and ovens	6	-	2	2	2	-	124	-	-	68	36	20	-
Crushers	3	-	1	1	1	1	37	-	-	24	10	10	3
Cutting machines	2	-	1	-	-	-	22	-	-	-	17	-	5
Milling and grinding machines	99	-	35	14	16	30	4,262	-	1,650	2,023	255	191	143
	23	-	4	3	3	3	7,175	-	6,900	170	55	39	11
Mixing machines and kettles	11	-	4	-	2	3	1,286	-	1,050	202	-	25	9

TABLE X. — Cause of Injuries, by Extent of Disability, etc. — Continued.

CAUSES.	NUMBER OF TABULATABLE INJURIES.					DAYS LOST DUE TO —				
	Total.	Deaths.	Permanent Disabilities.		7 Days and under.	TEMPORARY DISABILITIES.				
			Permanent Total	Permanent Partial		Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.		
Machinery.—Con.										
Food PRODUCTS MACHINES.—Con.										
Dough mixers	12	1	—	3	2	2	—	4	7,483	6,000
Shaping and forming machines	14	—	—	—	10	1	—	3	480	—
Stamping presses (power operated)	1	—	—	—	—	—	—	—	19	—
Tobacco working machines	14	—	—	—	3	1	2	8	261	—
Labelling machines	4	—	—	—	1	—	—	1	58	—
METAL WORKING MACHINES.										
Miscellaneous machines	1,389	2	—	169	483	157	153	425	140,535	12,000
Abrasive wheels	158	1	—	16	51	30	21	39	19,947	6,000
Bending and straightening machines and rolls	303	—	—	18	72	27	35	151	16,284	—
Other metal rolls	7	—	—	—	4	1	—	1	669	—
Bolt and nut, pipe cutting, threading and tapping machines	1	—	—	—	—	—	—	—	1,800	—
Boring machines or mills (horizontal and vertical)	13	—	—	2	4	1	1	5	1,294	—
Drill (drill presses) (radial and upright or goose neck)	10	—	—	—	4	2	1	3	286	—
	129	—	—	6	52	11	14	46	6,035	—
Hammers and Forging Machines.										
Hammers and forging machines, N. O. C.										
Belt machines	12	—	—	2	4	2	1	3	915	—
Drop hammers	15	—	—	5	5	—	—	1	4	—
Forging hammers	5	—	—	—	3	1	1	4	7,783	—
Swaging machines	2	—	—	—	1	—	—	—	354	—
Upsetting machines	1	—	—	—	1	—	—	—	66	—
									34	—
Lathes and Automatic Screw Machines.										
Lathes and automatic screw machines, N. O. C.	1	—	—	—	—	—	—	—	—	—
Lathes	80	—	—	4	25	13	11	27	2,950	—
Screw machines	14	—	—	2	4	4	—	4	2,200	—
Turret lathes	13	—	—	1	6	2	4	—	639	—
									253	—
									34	—
									131	—
									965	—
									160	—
									1,950	—
									300	—
									253	—
									34	—
									125	—
									19	—
									52	—
									2	—

Milling and Gear-Cutting Machines.

Milling and gear-cutting machines . . .	3	-	1	2	-	42	-	17	25	-
Die sinkers . . .	2	-	1	-	-	805	-	55	-	-
Gear cutting machines . . .	8	-	2	2	-	670	-	35	24	11
Milling machines . . .	35	-	13	3	8	3,138	-	137	29	40
Slotters . . .	1	-	-	1	-	16	-	16	-	-
Molding machines (core, sandmixers, tamping machines) . . .	18	-	12	-	3	938	-	41	-	10
Planers and shapers . . .	24	-	10	2	4	4,485	-	36	-	16
Polishers and buffers . . .	57	-	18	7	22	4,422	-	127	64	92
Portable power tools . . .	26	-	9	2	10	1,049	-	58	24	36

Presses and Punches (Power)

Miscellaneous presses . . .	100	-	36	9	19	16,240	-	163	95	81
Arbor presses . . .	2	-	-	-	2	11	-	-	-	11
Button presses . . .	1	-	1	-	-	209	-	209	-	7
Draw presses . . .	1	-	-	-	1	7	-	-	-	-
Embossing presses . . .	111	-	51	2	12	73	-	73	-	-
Punch, stamping and trimming presses . . .	3	-	1	1	1	360	-	58	137	59
Punch and eyeletting machines . . .	19	-	12	2	3	1,521	-	711	11	2
Squaring presses . . .	1	-	1	1	1	130	-	130	32	17
Presses (foot and hand operated) . . .	29	-	11	6	5	2,408	-	113	46	-
Presses (hydraulic, pneumatic and screw) . . .	15	-	18	3	3	733	-	389	29	15
Reamers . . .	45	-	18	7	11	3,241	-	131	94	51
Rolling and blooming mills . . .	5	-	4	-	1	243	-	237	-	6

Saws.

Miscellaneous saws . . .	18	-	6	3	4	1,127	-	55	37	18
Band saws . . .	9	-	2	1	3	6,698	-	15	-	15
Circular saws . . .	22	-	10	3	4	1,452	6,000	53	38	13
Hack saws . . .	4	-	-	2	1	51	-	32	12	7
Shears . . .	26	-	9	2	5	5,364	-	37	42	22
Welding and gear cutting machines . . .	14	-	3	2	8	1,338	-	87	26	25
Wire working machines . . .	15	-	6	6	6	3,538	-	-	26	26
Wire and tube working machines . . .	5	-	2	1	1	2,700	-	-	-	-
Winding machines (armatures) . . .	4	-	2	-	1	677	-	21	-	-

*LEATHER WORKING MACHINES.**Leather Products.*

Miscellaneous leather machines . . .	663	-	276	88	92	44,987	-	1,611	1,084	749
Buffing and scouring machines . . .	547	-	224	64	77	35,033	-	1,178	905	691
Cutting machines . . .	80	-	33	14	15	3,298	-	260	175	64
Punching and pressing machines . . .	63	-	8	3	4	431	-	53	-	22
Sewing machines . . .	4	-	23	6	9	5,365	-	108	107	68
Miscellaneous shoemaking machines . . .	63	-	16	6	8	370	-	-	-	3
Rolling machines . . .	96	-	47	9	10	1,465	-	117	86	144
Lacing machines . . .	5	-	3	1	1	4,889	-	161	125	117
Stamping machines . . .	6	-	-	-	3	202	-	186	14	2
Lasting machines . . .	10	-	5	1	3	57	-	-	40	17
Eyeletting machines . . .	41	-	21	2	7	736	-	16	14	12
Heeling machines . . .	10	-	5	2	3	1,627	-	37	78	51
Heeling machines . . .	19	-	7	5	2	285	-	243	26	16
Heeling machines . . .	19	-	7	5	4	2,006	-	557	-	10

TABLE X. — Causes of Injuries, by Extent of Disability, etc. — Continued.

CAUSES.	NUMBER OF TABULATABLE INJURIES.						DAYS LOST DUE TO —									
	TEMPORARY DISABILITIES.						TEMPORARY DISABILITIES.									
	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.
Machinery.—Con.																
<i>Leather Working Machines.—Con.</i>																
<i>Leather Products.—Con.</i>																
Trimming machines	20	—	—	—	5	2	6	7	404	—	—	—	266	38	61	39
Dinking machines	36	—	8	—	17	4	2	5	7,272	—	6,000	—	1,145	75	25	27
Nailers and tackers	21	—	—	—	6	5	4	6	458	—	—	—	207	84	52	25
Skiving machines	38	—	—	—	15	4	7	12	724	—	—	—	499	78	83	64
Grading and sorting machines	7	—	—	—	3	3	3	1	226	—	—	—	161	62	—	3
Embossing machines	13	—	2	—	8	—	2	1	5,218	—	4,200	—	992	—	19	7
<i>Tanneries.</i>																
Miscellaneous machines	116	—	8	—	52	24	15	17	9,934	—	4,500	—	4,764	433	179	58
Buffing drums	48	—	2	—	14	10	12	10	2,813	—	600	—	1,866	174	144	29
Other drums and paddle vats	5	—	—	—	2	3	—	—	109	—	—	—	56	53	—	—
Fleshing, shaving and skiving machines	20	—	1	—	13	4	—	—	1,292	—	1,200	—	48	42	—	2
Hair washing and drying machines	1	—	—	—	1	—	—	2	1,226	—	300	—	842	75	—	9
Jack-knives, glazing, rolling, etc.	19	—	2	—	11	3	—	3	300	—	300	—	—	—	—	—
Presses and baling machines	5	—	1	—	5	1	2	1	1,899	—	900	—	933	53	—	13
Setting up or out machines	6	—	—	—	5	—	1	—	1,247	—	1,200	—	299	21	21	5
Splitting machines	5	—	—	—	3	—	—	—	313	—	—	—	685	—	14	—
Unbairing machines	2	—	—	—	1	1	—	—	50	—	—	—	35	15	—	—
WOODWORKING MACHINES.																
Miscellaneous machines	750	1	121	—	297	74	68	189	88,914	6,000	65,550	—	14,422	1,336	787	819
Bending machines	60	—	8	—	24	8	6	14	9,175	—	7,950	—	936	153	69	67
Boring machines and drills	27	—	2	—	12	3	1	9	8	—	600	—	451	48	12	8
Broom and brush making machines	3	—	—	—	1	—	1	1	1,142	—	—	—	47	—	14	3
<i>Lathes.</i>																
Lathes, miscellaneous	16	—	—	—	4	2	3	7	233	—	—	—	128	40	35	30
Button lathes (ivory, etc.)	1	—	—	—	1	—	—	—	200	—	—	—	200	—	—	—
Shoe last machines	9	—	—	—	4	1	2	2	299	—	—	—	246	16	28	9
Mortising machines	1	—	1	—	—	—	—	—	300	—	300	—	—	—	—	—
<i>Presses.</i>																
Miscellaneous presses	9	—	—	—	4	1	3	1	218	—	—	—	162	17	35	4
Box nailers	1	—	—	—	1	—	—	—	298	—	—	—	298	—	—	—

Tenoning, Planing and Molding Machines.

Edges	4	—	—	—	1	7	—	—	—	600	29	—	—	7
Jointers	10	—	—	—	2	1	—	—	—	933	326	—	—	7
Matchers	11	—	—	—	1	8	1	—	—	300	295	19	8	7
Molders	35	—	—	—	7	10	2	8	—	3,778	358	214	35	51
Planers	138	—	—	—	31	50	12	12	—	13,200	2,349	214	138	137
Stickers	2	—	—	—	—	—	—	—	2	—	—	—	—	6
Tenoners	2	—	—	—	1	1	—	—	—	750	30	—	—	30
Sanding machines, N. O. C.	14	—	—	—	—	2	2	1	—	—	57	33	14	37
Belt (felice and panel)	1	—	—	—	—	1	—	—	—	—	28	—	—	—
Spindle and post	2	—	—	—	—	1	—	—	—	—	49	47	—	2
Surface or drum	2	—	—	—	—	1	—	—	—	—	78	—	—	3

Saws.

Miscellaneous saws	208	—	—	—	36	86	20	15	51	26,548	4,173	362	172	241
Band saws	16	—	—	—	—	4	3	3	—	307	197	56	32	22
Band re-saws	4	—	—	—	1	—	2	—	—	344	—	42	—	2
Circular saws	157	—	—	—	30	65	15	15	31	26,354	3,731	262	172	139
Gang circular	1	—	—	—	—	1	—	—	—	35	—	—	—	—
Spring saws	2	—	—	—	—	1	—	—	—	42	35	—	—	—
Shapers, N. O. C.	11	—	—	—	—	6	2	2	1	220	151	40	23	7
Veneering machines	1	—	—	—	—	1	—	—	—	35	35	—	—	—

PAPER PRODUCTS MACHINES.

Miscellaneous machines	180	1	—	—	17	78	21	17	46	29,410	3,065	408	202	185
Tube machines	61	—	—	—	2	36	3	6	14	2,858	1,622	63	70	53
Glueing machines	5	—	—	—	—	3	—	—	—	320	310	—	—	10
Automatic box making machines	5	—	—	—	—	1	—	—	4	52	36	—	—	16
Bag and envelope making machines	33	1	—	—	1	12	5	5	9	7,183	697	93	54	39
Corner staying machines	18	—	—	—	2	5	3	3	5	1,217	205	55	41	16
Cutting and punching machines, N. O. C.	5	—	—	—	—	2	2	2	1	107	62	42	—	3
Die cutters	4	—	—	—	1	3	—	—	2	3,116	105	—	—	11
Guillotines	1	—	—	—	—	1	—	—	3	42	30	—	—	12
Paper cutter (hand)	9	—	—	—	3	4	—	1	1	300	—	—	—	—
Rotary cutters	7	—	—	—	1	4,389	4	—	—	4,200	174	—	12	3
Saws	3	—	—	—	1	2	4	—	—	2,445	66	79	—	—
Shears	1	—	—	—	1	2	—	—	—	2,260	260	—	—	—
Corrugating machines (not rolls)	5	—	—	—	1	—	—	—	—	1,200	96	—	—	9
Ending machines	2	—	—	—	2	3	—	—	—	105	—	—	—	—
Embossing rolls or calenders	4	—	—	—	—	—	2	1	1	600	—	—	12	5
Embossing presses	3	—	—	—	2	—	—	—	—	55	—	38	—	—
Folding presses	8	—	—	—	—	3	2	1	2	4,888	88	—	—	—
						273					214	38	13	8

PAPER MAKING MACHINES.

Miscellaneous	98	2	—	—	12	39	14	11	20	24,887	12,000	—	—	95
	37	—	—	—	5	16	7	4	5	5,469	—	—	—	22

Bark, Splitters, Grinders, N. O. C.

Grinders	1	—	—	—	—	—	—	1	—	10	—	—	10	—
Splitters	3	—	—	—	1	—	1	—	—	318	—	16	—	2
Beaters (including rag washers)	8	1	—	—	3	2	1	—	3	9,106	6,000	—	12	16
Cutters and slitters	17	1	—	—	3	4	2	2	5	7,582	6,000	35	24	23

Car, caught between floor and	3	1	1	2	1	1	77	69	8	—
Car, caught between shaft side and	1	1	1	1	1	1	22	22	—	—
Car, caught between gate and	1	1	1	1	1	1	21	21	—	—
Car, struck by in pit	4	1	1	1	1	1	76	54	12	10
Car, struck by, elsewhere	2	1	1	1	1	1	91	75	16	—
Car, sudden stop or start	1	1	1	1	1	1	29	29	—	—
Fall of person into shaft, from floor	1	1	1	1	1	1	24	24	—	—
Gates	5	3	1	3	1	1	231	212	16	3
Objects falling down shaft, from car	3	2	1	2	1	1	448	440	8	—
All other	20	7	3	7	3	6	1,014	611	33	20
<i>Construction Hoists and Elevators (not Derricks).</i>										
Cable, unwinding	3	1	1	2	1	1	6,116	116	—	—
Cable, caught by	2	1	1	1	1	1	6,020	6,000	20	—
Car, caught between floor and	1	1	1	1	1	1	41	41	—	—
Car, caught between shaft side and	1	1	1	1	1	1	5	—	—	5
Catching of load or part thereof between car and shaft	1	1	1	1	1	1	300	—	—	—
Gates	1	1	1	1	1	1	17	—	17	—
Machinery, caught in	2	1	1	1	1	1	303	—	—	3
All other	29	3	3	3	3	8	980	104	59	38
<i>Cranes, Locomotives, Trolley Cranes and Derricks.</i>										
Cable or chain catching or striking person	14	1	1	9	2	2	1,143	792	41	10
Car, striking person	3	1	1	2	1	1	3,073	73	—	—
Falls from crane track (not in erecting or rigging)	2	1	1	1	1	1	99	90	9	—
Hook or sling, catching or striking person	12	1	1	7	1	1	820	472	18	5
Load, struck by, swinging	21	1	1	9	1	3	7,561	1,482	25	39
Load, struck by, lowering or raising	16	1	1	10	1	4	1,637	1,606	16	21
Load, falling, broken cable	5	1	1	3	1	1	268	254	12	2
Load falling, slipping cable	8	1	1	4	1	1	356	313	16	5
Load falling, slipping of hook	1	1	1	2	1	1	1,145	245	—	—
Load falling, sling breaking	2	1	1	2	1	1	316	300	16	—
Load falling, machinery breaking	1	1	1	1	1	1	56	56	—	—
Load falling, hitch slipping	4	1	1	3	1	1	142	125	17	—
Machinery catching person	7	1	1	5	1	1	339	318	19	—
Objects falling from load	16	1	1	8	2	1	724	656	35	14
All other	74	6	6	37	7	6	15,247	2,964	132	81
Room swinging	5	1	1	3	1	1	6,347	6,000	18	70
Blocks and tackles, windlasses, capstans, and winches	13	2	2	7	1	2	13,233	1,222	22	9
Hay forks, derricks and stackers	22	1	4	11	3	3	13,042	1,281	48	13
	19	2	—	9	2	6	12,454	386	37	31
<i>Conveyors.</i>										
<i>Air Hoists.</i>	176	3	11	72	20	19	33,050	7,635	357	234
Objects falling from	11	—	1	5	3	—	3,032	570	51	11
Caught in	4	1	1	1	1	2	1,283	76	—	7
Struck by load	20	—	—	13	3	2	2,471	2,378	56	12
Other	11	—	—	8	2	1	1,214	1,166	36	12

TABLE X. — *Causes of Injuries, by Extent of Disability, etc. — Continued.*

CAUSES.	NUMBER OF TABULATABLE INJURIES.				DAYS LOST DUE TO —											
	TEMPORARY DISABILITIES.				Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.								
	Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.				Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.					
Vehicles (not including Construction of).—Con.																
AUTOMOBILES AND OTHER POWER VEHICLES.—Con.																
Collisions, breaking of parts	13	8	—	2	5	5	—	3	418	—	—	313	92	—	13	
Collisions, all other	384	6	—	—	156	55	51	112	66,387	48,000	4,800	11,413	1,026	595	553	
Collisions with cars or engines	49	1	—	—	13	5	8	17	37,400	36,000	—	1,140	87	95	78	
Cranks	502	1	—	—	231	58	66	146	22,437	6,000	—	13,885	1,076	770	706	
Engines, N. O. C.	5	—	—	—	2	—	—	—	3	122	—	106	—	—	16	
Falls from	639	10	4	4	309	68	73	175	98,116	60,000	7,800	27,465	1,221	820	810	
Mechanical unloading	18	—	—	—	7	—	—	—	9	483	—	427	—	20	36	
Objects falling from	129	—	2	2	60	16	15	36	6,115	—	1,200	4,294	290	173	158	
Objects shifting on load	12	—	—	—	6	1	1	4	790	—	—	740	17	14	19	
Overturning, skidding	23	2	—	—	5	4	—	8	12,968	12,000	—	879	68	—	21	
Overturning, breaking of parts	9	1	—	—	5	2	1	—	6,643	6,000	—	596	37	10	—	
Overturning, all other	51	3	2	2	30	4	4	8	21,978	18,000	1,050	2,775	75	47	31	
Struck by	360	12	1	2	191	45	43	66	95,920	72,000	6,000	15,058	819	519	324	
All other	869	8	19	19	373	126	114	229	86,732	48,000	9,000	25,067	2,325	1,310	1,030	
Bicycles	39	1	—	—	9	9	14	6	6,761	6,000	—	430	166	141	24	
Aeroplanes	7	1	—	—	2	1	—	3	6,102	6,000	—	71	19	—	12	
ANIMAL-DRAWN VEHICLES.																
Breaking of parts	381	6	4	4	181	57	42	91	54,146	36,000	3,600	12,606	1,022	471	447	
Collisions with cars or engines	5	1	—	—	3	1	—	—	6,180	6,000	—	162	18	—	—	
Collisions with other vehicles	13	—	—	—	6	2	1	4	279	—	—	217	34	8	20	
Falls from	49	2	—	—	17	9	8	13	13,219	12,000	—	879	169	103	68	
Mechanical unloading	177	2	—	—	92	27	16	40	20,527	12,000	—	7,678	480	174	195	
Objects falling from (not in loading or unloading)	2	—	—	—	1	—	—	1	136	—	—	129	—	—	7	
Objects shifting on load	13	—	—	—	8	1	2	2	497	—	—	441	21	28	7	
Overturning	4	—	—	—	2	—	—	—	340	—	—	340	—	—	—	
Struck by	26	—	—	—	13	1	6	6	117	—	—	103	—	—	14	
Whiffletrees	2	—	—	—	1	—	—	—	887	—	—	779	17	64	27	
All other	69	1	4	4	22	13	8	21	198	6,000	3,600	198	235	86	102	

ANIMAL-DRAWN IMPLEMENTS (NOT MACHINERY.)											
	19	—	—	—	14	3	1	1	928	—	—
WATER CRAFT.											
Capsizing	25	2	—	—	9	4	3	7	12,911	12,000	865
Falls from, or jumping overboard	1	—	—	—	—	—	—	—	6,000	6,000	771
Falls from rigging	6	1	—	—	—	—	2	2	6,063	6,000	—
Fall into hatchway	1	—	—	—	—	1	—	—	21	—	30
All other	16	—	—	—	8	3	1	4	2	—	—
ALL OTHER VEHICLES.											
All other vehicles	1	—	—	—	1	—	—	—	825	58	741
All other vehicles	1	—	—	—	1	—	—	—	45	—	45
Explosions, Electricity, Fires and Hot Substances.											
2,051	44	—	13	656	312	317	709	329,778	264,000	17,100	36,329
3,692	—	—	—	—	—	—	—	—	—	—	5,662
2,995	—	—	—	—	—	—	—	—	—	—	—
BOILERS AND STEAM-PRESSURE APPARATUS, Economizers and superheaters, explosions of	1	—	—	—	—	—	1	1	3	—	—
Economizers and superheaters, all other causes	7	—	—	—	1	1	—	4	365	—	29
Steam boilers, explosions of	9	—	—	—	4	5	—	—	473	—	381
Steam boilers, escaping steam and hot water	5	—	—	—	1	—	2	2	75	—	92
Steam boilers, all other causes	6	—	—	—	2	2	—	2	102	—	44
Steam pipes, explosions of	4	—	—	—	2	1	—	1	76	—	62
Steam pipes, all other causes	13	—	—	—	1	5	1	6	169	—	52
Steam and hot water gauges, all other causes	3	—	—	—	2	1	—	—	75	—	46
Other steam pressure apparatus, explosions of	4	—	—	—	2	1	1	—	196	—	61
Other steam pressure apparatus, all other causes	24	—	—	—	5	6	6	7	426	—	161
EXPLOSIVES, OF EXPLOSIVE SUBSTANCES.											
Blasting	26	—	1	18	1	3	3	3	5,033	—	1,970
Premature shot	1	1	—	—	—	—	—	—	6,000	6,000	—
All other	1	—	—	—	—	—	1	—	7	—	—
Explosives, manufacturing and storage	1	—	—	—	—	—	—	—	35	—	85
Explosives, transportation and handling	3	—	—	—	2	—	—	1	72	—	68
Gas	45	2	—	9	6	14	14	14	12,954	12,000	627
Gasoline and other petroleum products	40	1	—	16	5	9	9	9	7,332	6,000	1,083
All other	27	2	1	15	2	5	2	2	15,536	12,000	1,632
OTHER EXPLOSIONS.											
Ammonia apparatus	2	—	—	1	1	—	—	—	1,887	—	87
Other high pressure apparatus	6	—	—	2	1	—	3	3	430	—	397
All other	42	4	—	21	2	4	9	9	28,490	24,000	1,067
Electricity	194	18	3	62	33	25	53	53	114,877	108,000	3,401
Conflagrations	1	—	—	—	—	—	1	1	3	—	—
HOT SUBSTANCES AND FLAMES.											
Asphalt, pitch and tar	98	—	—	45	14	11	28	28	2,855	24,000	2,352
Flames, clothing	22	4	—	7	4	2	5	5	24,385	36,000	263
All other	187	6	—	64	34	33	50	50	40,749	—	3,506

All other	478	4	4	4	260	48	54	108	55,436	24,000	-	3,300	26,165	852	635	484
Loading platforms					54	8	19	10	7,928	6,000	-	300	1,393	88	300	1,393
Piles					66	1	1	1	9,892	6,000	-	300	1,393	72	109	82
Poles and trees					78	3	5	15	25,965	18,000	-	3,000	4,000	133	55	67
Roots					68	5	3	6	42,085	30,000	-	5,700	6,252	53	53	27
Runways, balconies and platforms, not loading platforms					148	4	1	-	36,378	24,000	6,000	-	5,579	413	227	159
Scaffolds and Staging.																
Breaking or shipping	155	2	-	6	91	13	8	35	34,234	12,000	-	9,600	12,156	240	93	145
Breaking of tackle or support	25	2	-	1	10	3	2	7	16,945	12,000	-	2,400	2,037	51	25	32
Tilting of scaffold	33	-	-	-	25	2	-	5	504	-	-	-	504	-	-	-
Tilting or falling of loose plank	299	4	-	-	191	26	21	55	52,033	24,000	-	3,600	23,471	463	19	17
All other	1,318	4	-	7	535	168	150	454	83,154	24,000	-	11,700	40,553	3,086	1,728	2,087
Stairs and steps	4	-	-	-	4	-	-	-	564	-	-	-	564	-	-	-
Tramways and trestles	29	4	-	-	17	2	2	3	27,426	24,000	-	1,800	1,554	37	22	13
Windows and wall openings	243	2	-	-	120	18	30	73	25,425	12,000	-	-	12,434	347	338	306
All other																
INTO EXCAVATIONS, PITS AND SHAFTS.																
Bins and vats, containing hot or corrosive substances	8	-	-	-	4	-	2	2	363	-	-	-	333	-	22	8
Bins and vats, all other	60	2	-	-	25	11	8	14	14,178	12,000	-	-	1,825	198	92	63
Floor openings (not elevator shafts)	96	2	-	1	48	11	10	24	19,113	12,000	-	2,400	4,291	203	111	108
Manholes	16	-	-	-	5	2	1	7	532	-	-	-	446	40	24	22
Excavations	118	2	-	3	56	12	15	30	19,620	12,000	-	1,500	5,602	224	168	126
ON LEVEL.																
Slipping	2,391	6	-	11	1,024	265	285	800	141,323	36,000	-	15,000	78,396	4,884	3,248	3,795
Stumbling over fixed objects	132	1	-	2	76	19	15	39	15,079	6,000	-	3,300	5,102	340	156	181
Stumbling over loose objects	630	-	-	1	235	79	94	221	24,097	-	-	2,400	18,144	1,463	1,049	1,041
All other	717	-	-	2	257	71	94	293	22,848	-	-	3,300	15,795	1,310	1,062	1,381
Slipping on wet floors	433	1	-	2	195	48	60	127	27,255	6,000	-	4,200	14,904	885	694	572
Stepping on, or Striking against Objects.	3,665	6	1	9	934	467	448	1,800	119,871	36,000	6,000	7,200	49,232	8,459	5,160	7,820
STEPPING ON OBJECTS.																
Nails	1,115	-	-	-	121	129	164	701	11,830	-	-	-	4,600	2,304	1,861	3,065
All other sharp objects	125	-	-	-	28	16	14	67	1,767	-	-	-	1,035	277	160	295
STRIKING AGAINST OBJECTS.																
Fellow-employees	35	-	-	-	9	2	7	17	744	-	-	-	556	34	79	75
Nails	318	1	-	2	64	42	46	163	11,612	6,000	-	600	2,993	757	546	716
Other fixed objects	673	-	1	4	262	97	58	251	27,445	-	6,000	4,200	13,793	1,754	650	1,048
Other sharp projections from walls																
Splinters or sharp projections from walls	299	-	-	1	72	45	30	151	7,499	-	-	1,800	3,925	811	338	625
or structures																
All other objects	1,100	5	-	2	378	136	129	450	58,974	30,000	-	600	22,330	2,522	1,526	1,996
Falling Objects (not being handled by injured).																
Building and walls	2,379	14	-	19	997	252	252	845	187,900	84,000	-	16,200	76,540	4,613	2,929	3,618
COLLAPSE OF.																
Chutes, conveyors and slides	6	1	-	-	5	-	-	-	6,599	6,000	-	-	599	-	-	-
	4	-	-	-	2	1	-	1	180	-	-	-	161	17	-	2

TABLE X. — Causes of Injuries, by Extent of Disability, etc. — Continued.

CAUSES.	NUMBER OF TABULATABLE INJURIES.					DAYS LOST DUE TO —						
	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.			Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	
					Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.					7 Days and under.
Falling Objects (not being handled by Injured).—Con.												
Piles (stacked, stored or piled up material)	30	1	—	—	8	17	1	3	8	7,449	6,000	—
Scaffolds and stagings	7	—	—	—	4	1	—	2	4	236	—	—
All other	13	—	1	1	4	6	1	1	4	2,406	—	1,800
FROM ELEVATIONS.												
Buildings in course of construction or demolition	33	1	—	1	15	9	4	3	15	9,445	6,000	—
Buildings not in course of construction or demolition	5	—	—	—	2	2	—	1	2	169	—	—
Chutes, conveyors, slides and screens	45	—	—	—	19	15	6	5	19	1,459	—	—
Floor openings—in building construction	2	—	—	—	1	1	—	—	1	207	—	—
Machines and workbenches	239	1	—	1	102	86	25	25	102	5,993	—	300
Piles (stacked, stored or piled up material)	108	1	—	1	47	46	10	4	47	9,430	6,000	—
Racks and shelves	50	—	—	—	24	13	4	8	24	2,055	—	900
Runways, balconies and platforms	22	—	—	—	5	12	5	—	5	613	—	—
Scaffolds and stagings	35	—	—	—	13	17	2	3	13	1,769	—	—
Other elevations	811	2	—	7	289	324	87	102	289	42,446	12,000	4,500
Objects dropped by person other than injured person	151	—	—	2	56	63	17	13	56	5,926	—	600
TREES.												
Limbs, not in felling trees	24	—	—	—	10	7	3	4	10	674	—	—
Trees in felling	26	1	—	1	8	9	3	4	8	9,358	6,000	1,800
Trees, kick backs of, in felling	1	—	—	—	—	1	—	—	—	63	—	—
Trees, not in felling	16	—	—	—	7	7	1	1	7	623	—	—
Objects tipping over	466	—	—	2	155	193	60	56	155	18,561	—	2,700
INTO EXCAVATIONS.												
Ditches and trenches	70	—	—	—	29	28	9	4	29	2,047	—	—
Other excavations (not tunnels, mines or quarries)	28	1	—	—	7	14	1	5	7	7,478	6,000	—

CAVE-INS (NOT MINES OR QUARRIES).

Ditches and trenches	139	5	1	92	10	5	26	43,044	30,000	—	600	12,072	194	65	113
Tunnels	1	—	—	1	—	—	46	—	—	—	—	—	46	—	—
Other excavations	31	—	—	21	1	1	8	1,785	—	—	—	1,717	16	11	41
In mines and quarries—inside	15	1	2	5	1	1	5	7,827	6,000	—	1,200	370	18	14	25

Handling of Objects.

Heavy Objects.	15,430	13	—	6,351	2,020	1,902	4,989	637,040	78,000	—	72,450	405,357	36,839	22,289	22,105
Caught between object handled and other object	1,410	1	—	554	181	152	473	63,852	6,000	—	20,100	30,630	3,291	1,801	2,030
Objects dropped	1,967	1	—	796	242	243	664	67,483	6,000	—	7,800	43,580	4,405	2,823	2,875
Objects falling from load (while loading or unloading)	603	1	—	264	80	63	189	32,433	6,000	—	4,950	18,427	1,465	740	851
Objects falling from pile (while piling or unpling)	150	—	2	56	17	18	57	4,802	—	—	600	3,408	309	233	252
Objects thrown	164	—	—	55	18	23	68	4,061	—	—	—	3,187	329	273	272
Strain in handling	5,380	6	7	2,747	621	593	1,406	266,362	36,000	—	4,200	201,270	11,319	6,897	6,676
Handled	1,192	3	—	493	155	148	384	59,026	18,000	—	3,300	31,386	2,842	1,763	1,735

SHARP OR ROUGH OBJECTS.

Bones	149	—	—	31	33	24	59	3,250	—	—	900	1,201	618	277	254
Castings	14	—	—	3	1	3	6	1,482	—	—	300	107	17	35	23
Glass	509	—	—	124	71	104	203	14,651	—	—	5,550	5,793	1,291	1,200	817
Protruding nails in objects handled	327	—	—	84	53	46	143	6,386	—	—	300	3,992	972	535	597
Protruding wires	240	—	—	40	43	36	108	8,369	—	—	4,650	2,081	772	397	469
Sheet metal and sheet metal objects	380	1	—	108	53	54	154	16,956	6,000	—	3,600	5,114	959	640	643
Slivers, metal	274	—	—	67	47	37	118	7,858	—	—	3,000	3,105	839	429	485
Slivers, wood	891	—	—	226	147	110	392	24,064	—	—	6,900	11,511	2,704	1,323	1,626
All other	686	—	—	208	121	111	239	16,560	—	—	2,400	9,641	2,198	1,309	1,012

HAND TRUCKS, CARTS AND WHEEL-FARROWS.

Caught between truck and other object	151	—	—	50	24	22	53	4,251	—	—	600	2,737	434	246	234
Object falling from, not in loading or unloading	99	—	—	38	12	17	32	3,695	—	—	—	3,109	218	212	156
Overturning	68	—	—	42	6	2	18	2,725	—	—	—	2,503	107	18	97
Struck by truck handled by injured person	315	—	—	115	48	47	105	7,665	—	—	—	5,759	878	563	465
Struck by truck handled by co-worker	74	—	—	33	6	6	27	3,848	—	—	1,500	2,051	106	69	122
All other	387	—	—	208	41	43	91	18,251	—	—	1,800	14,765	766	506	414

Hand Tools.

In Hands of Injured Worker.	4,269	7	—	1,240	551	624	1,758	238,237	42,000	—	99,750	71,629	10,091	7,285	7,482
Breaking or coming apart of tool	72	1	—	23	4	9	33	11,196	6,000	—	3,600	1,260	80	102	154
Flying particles set in motion by tool not specified	158	—	—	25	18	17	84	27,190	—	—	25,200	1,160	326	193	311
Metal clips	240	1	—	55	20	24	126	35,154	6,000	—	25,200	2,807	371	270	506
Nails and spikes	30	—	—	3	2	4	17	7,490	—	—	7,200	131	38	44	77
Stone	124	—	—	42	14	16	43	16,777	—	—	13,650	2,502	258	183	184
Glancing or slipping of tool in use	2,687	3	—	727	355	410	1,159	87,425	18,000	—	13,800	39,435	6,495	4,774	4,921
All other	705	2	—	278	100	104	217	35,823	12,000	—	1,800	17,962	1,833	1,240	988

TABLE X. — *Causes of Injuries, by Extent of Disability, etc. — Concluded.*

CAUSES.	NUMBER OF TABULATABLE INJURIES.				DAYS LOST DUE TO —								
	TEMPORARY DISABILITIES.				Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.					
	Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.				Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.		
Hand Tools.—<i>Con.</i>													
In Hands of Fellow-Worker.													
Flying particles set in motion by tool, not specified	3	—	—	2	—	—	—	—	—	51	20	8	—
Metal chips	9	—	—	3	—	—	—	—	—	56	41	9	6
Stone	5	—	—	2	—	—	—	—	—	—	18	10	10
Breaking or coming apart of tool	200	78	29	55	—	—	—	—	—	5,887	526	412	242
Glancing or slipping of tool in use	31	7	3	15	—	—	—	—	—	378	85	32	57
All other	—	—	—	—	—	—	—	—	—	—	—	—	—
	298	104	46	102	23,831	12,000	—	2,100	7,953	837	508	438	6
Animals.													
DRAFT ANIMALS.													
Bites	27	3	5	15	291	—	—	—	93	86	50	62	6
Kicks and stepped on	129	55	23	35	16,734	12,000	—	300	3,709	417	155	153	153
Runaways	20	10	1	3	2,767	—	—	1,800	891	16	35	25	25
All other	62	25	9	19	2,345	—	—	—	1,977	175	107	86	86
All other animals	37	8	4	9	1,134	—	—	—	896	67	112	59	59
Insects	23	3	4	12	560	—	—	—	387	76	49	48	48
	2,349	550	221	251	130,950	66,000	—	19,650	32,811	4,003	2,854	5,632	5,632
Miscellaneous Causes.													
Cold, including frostbites	42	20	6	13	2,005	—	—	300	1,502	102	28	73	73
Doors, windows, covers and gates exclusive of elevators	511	156	61	59	16,946	—	—	6,150	8,085	1,102	697	912	912
Drenching, not drowning	4	1	2	—	71	—	—	—	29	36	—	—	6
Flying particles, not specified	371	55	37	40	15,698	—	—	10,800	2,846	681	463	908	908
Heat prostration and sunstroke	31	5	2	4	18,356	18,000	—	—	204	35	47	70	70
Lightning	4	—	—	2	36	—	—	—	17	9	10	10	10
Violence of co-employee.	12	5	1	1	874	—	—	600	231	21	10	12	12
Violence, all other	80	23	3	11	14,514	12,000	—	—	2,150	54	131	179	179
Wrestling, sparring and horseplay	11	2	1	2	236	—	—	—	174	15	22	25	25
All other	1,277	283	106	131	56,180	30,000	—	1,800	17,590	1,922	1,447	3,421	3,421
Asphyxiation	6	—	1	—	6,034	6,000	—	—	—	18	—	—	—

Occupational Diseases.															
	1,061	13	18	499	144	143	244	137,506	78,000	—	10,800	43,225	2,660	1,633	1,188
All other	224	2	—	105	39	36	42	21,599	12,000	—	—	8,266	714	405	—
Anthrax	7	—	—	6	—	—	—	293	—	—	—	280	—	13	—
Dermatitis	358	—	—	217	43	37	61	20,212	—	—	—	18,675	791	439	307
Eczema	22	—	—	13	2	4	3	837	—	—	—	738	37	49	13
Lead poisoning	51	—	—	36	5	3	5	11,633	6,000	—	600	4,879	94	35	25
Poison ivy	242	1	—	74	48	46	74	5,096	—	—	—	3,298	904	506	388
Tuberculosis (including stone cutter's con- sumption)	—	—	17	13	—	—	—	55,875	42,000	—	—	3,675	—	—	—
Gas	37	7	—	23	6	15	48	8,545	6,000	—	—	2,073	104	172	196
Benzol	3	1	—	1	—	1	—	6,214	6,000	—	—	200	—	14	—
Carbon monoxide gas	24	1	—	11	1	—	17	7,202	6,000	—	—	1,141	16	—	45
Grand total	50,006	282	5 1,031	19,334	6,143	6,162	17,049	4,072,628	1,692,000	30,000	755,900	1,335,770	112,183	71,434	75,341

TABLE XI.—*Machinery—Frequency of Injuries, by Manner of Occurrence and by Part of Machine, July 1, 1930, to June 30, 1931*

MANNER OF OCCURRENCE.	Total.	PART OF MACHINE ON WHICH ACCIDENT OCCURRED.							
		Point of Operation.	Belts.	Crank or Eccentrics.	Flywheels.	Gears.	Set Screws, Keys and Bolts.	Counter-weights.	All other.
Adjusting machine, tool or work	458	294	94	1	2	33	1	—	33
Starting, stopping or operating machine	3,039	2,804	54	41	4	57	2	—	137
Cleaning or oiling machine	329	206	13	—	2	42	1	2	63
Repairing machine	75	36	8	1	—	8	—	—	21
Breaking of machine tool, or work	201	138	22	1	1	2	3	—	34
Striking objects	521	494	1	1	—	—	—	—	25
All other	1,555	107	27	—	1	21	1	1	1,397
Grand total	6,238	4,079	219	45	11	163	8	3	1,710

TABLE XII. — Study showing Conditions of Dependents in Uninsured Fatal Cases, July 1, 1930, to June 30, 1931.

Industries.	Occupation.	Age.	Wage.	Amount payable in Analogous Cases.	Dependents.	Settlement.	Financial Condition.
Telephone	Combination man	48	\$41 50	\$4,800 00	Widow and one child	\$5,000 00	Good financial condition.
Dismantling ship	Foreman	64	40 00	4,000 00	Widow	—	Fair financial circumstances.
Brakeman	Brakeman	35	56 71	6,400 00	Widow and six children	—	Fair financial circumstances. Widow working.
Street railway	Car cleaner	59	27 12	4,000 00	Widow	—	Offered five hundred dollars (\$500.00), but company is now in the hands of a receiver. Poor financial condition.
Telephone	Combination installer	34	28 50	250 00	None	—	Single man, no dependents.
Steam railroad	Track laborer	54	19 20	6,400 00	Widow and three children	3,000 00	Fair financial circumstances.
Steam railroad	Track walker	45	16 00	250 00	None	—	Single man, no dependents.
Steam railroad	Laborer	51	19 20	250 00	None	—	Single man, no dependents.
Steam railroad	Laborer	47	19 20	250 00	None	—	Single man, no dependents.
Cement contractor	Laborer	38	22 00	6,400 00	Widow and four children	—	No further information available.
Manufacturing of coke	Crane operator	44	36 40	4,800 00	Widow and one child	5,000 00	Fair financial circumstances. Widow working.
Manufacturing of coke	Crane fireman	24	30 24	4,800 00	Widow and one child	—	Settlement made with widow, amount could not be obtained.
Steam railroad	Brakeman	57	39 00	4,000 00	Widow	1,500 00	Very poor financial condition.
Telegraph	Messenger	16	8 36	2,785 00	Parents	—	No further information available.
Steam railroad	Conductor	33	45 00	4,800 00	Widow and one child	4,500 00	Widow working. Fair financial condition.
Crushing stone	Laborer	32	30 30	250 00	None	—	Single man, no dependents.
Steam railroad	Section foreman	47	37 80	6,400 00	Widow and three children	—	No further information available.
Manufacturing of coke	Laborer	40	28 00	6,400 00	Widow and four children	5,500 00	Fair financial condition.
Farming	Vegetable picker	14	6 00	2,000 00	Parents	—	No further information available.
Wholesale and retail trade	Truck driver	21	18 00	250 00	None	—	Single man, no dependents.
Telegraph and telephone	Cable splicer	45	54 00	6,400 00	Widow and three children	4,500 00	Widow working, fair financial circumstances.
Steam railroad	Carpenter	53	31 92	4,000 00	Widow	—	Family in destitute condition.
Steam railroad	Assistant yard master	54	55 00	4,000 00	Widow	—	No further information available.
Steam railroad	Conductor	40	45 00	6,400 00	Widow and seven children	—	Very poor circumstances. Railroad offered one thousand seven hundred and fifty dollars (\$1,750.00) which was refused.
Manufacturing of wood products	Machinist	56	27 72	4,000 00	Widow	—	Very poor financial condition. Suit pending.
Carpenter	Carpenter	64	40 00	4,000 00	Widow	—	Very poor financial condition. Suit pending.
Lumber	Tree chopper	34	24 00	4,000 00	Widow	—	Very poor financial condition.
Steam railroad	Apprentice	34	21 72	4,000 00	Mother	—	Offered fifteen hundred dollars (\$1,500.00), which was refused. Deceased sole support of mother.
Trucking	Driver	30	30 00	4,800 00	Widow and one child	1,328 00	Widow working. Poor financial circumstances.

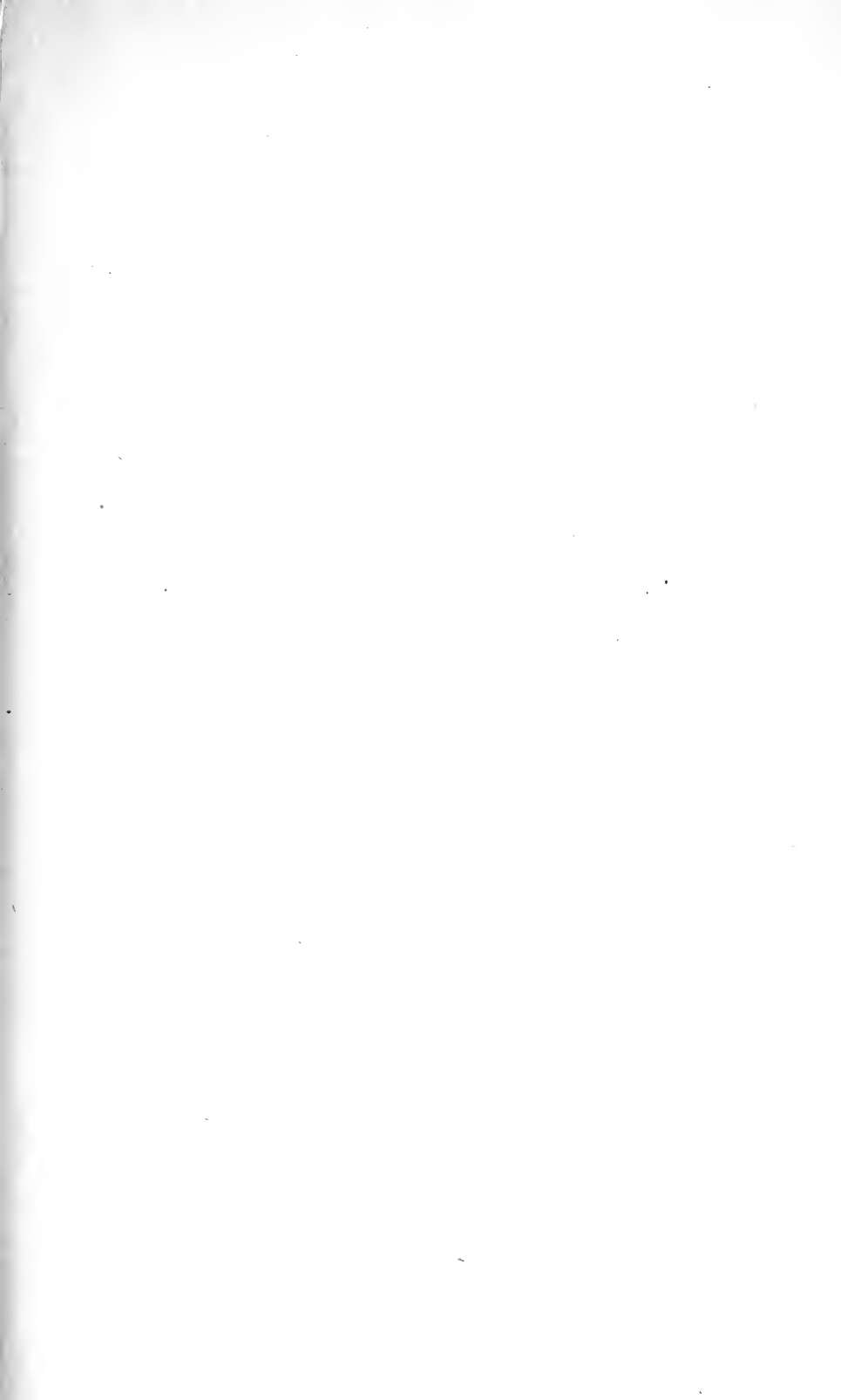
TABLE XIII. — *Conjugal Condition and Dependency in Cases of Fatal Injuries, July 1, 1930, to June 30, 1931.*

INDUSTRIES.	CONJUGAL CONDITIONS.				DEPENDENCY.		
	Single.	Married.	Widowed.	Divorced.	NUMBER OF CASES.		
					Whole De- pendency.	Partial De- pendency.	No De- pendency.
Agriculture, Forestry and Animal Husbandry	1	-	-	-	1	-	-
Agriculture	1	-	-	-	1	-	-
Extraction of Minerals.	-	5	-	-	5	-	-
Quarrying	-	5	-	-	5	-	-
Building Trades.	9	26	3	-	29	6	3
Hand trades	9	26	3	-	29	6	3
Chemical and Allied Products.	2	1	-	-	2	1	-
Powder, cartridges, fireworks, etc., makers	1	1	-	-	2	1	-
Other chemical workers	1	1	-	-	2	1	-
Clay, Glass and Stone Products.	1	3	-	-	3	-	1
Lime, cement and gypsum	1	1	-	-	2	-	1
Marble and stone cutters	1	2	-	-	2	-	1
Clothing.	-	1	-	-	1	-	-
Clothing makers	-	1	-	-	1	-	-
Food and Kindred Products.	5	7	1	-	9	3	1
Bakeries, bread and other bakery products	5	7	1	-	9	3	1
Butter and cheese makers	2	3	-	-	3	1	-
Candy, confectionery	1	1	-	-	1	1	-
Fish curers and packers	1	1	-	-	1	-	-
Slaughtering and packing houses	1	1	-	-	1	1	-
Other food preparers	1	2	1	-	3	-	-
Iron and Steel and Their Products.	8	13	-	-	15	4	2
Automobile factories	8	1	-	-	15	4	2
Foundries and metal working, tools	2	5	-	-	1	1	-
Ship and boat building	3	1	-	-	5	1	1
Other iron and steel workers	3	6	-	-	7	2	-
Leather and Its Finished Products.	1	4	1	-	5	-	1
Shoes	1	4	1	-	5	-	1
Tanneries	1	1	1	-	4	-	-
		3	1	-		1	1
						7	-
						28	2
						8	-
						1	-
						1	-
						7	-
						24	5
						8	2
						2	2
						1	-
						6	1
						-	-
						7	-
						41	6
						1	-
						7	2
						5	2
						28	2
						8	-
						1	-
						1	-
						7	-

TABLE XIII. — *Conjugal Condition and Dependency in Cases of Fatal Injuries, etc. — Concluded.*

INDUSTRIES.	CONJUGAL CONDITION.				DEPENDENCY.			
	Single.	Married.	Widowed.	Divorced.	NUMBER OF CASES.			NUMBER OF PERSONS.
					Whole De- pendency.	Partial De- pendency.	No De- pendency.	
Liquors and Beverages.								
Other liquor and beverage workers	—	1	—	—	1	—	—	5
	—	1	—	—	1	—	—	5
Lumber and Its Re-manufacture.								
Furniture	1	5	1	—	6	—	1	13
Saw and planing mills	—	1	—	—	—	—	—	7
Other wood workers	1	1	—	—	1	—	1	1
	—	3	1	—	4	—	—	5
Metal and Metal Products Other Than Iron and Steel.								
Other metal workers	2	—	—	—	1	—	1	2
	2	—	—	—	1	—	1	2
Paper.								
Box makers	2	9	1	—	9	1	2	21
Paper and pulp mills	—	1	—	—	1	—	—	2
Pulp mills	1	5	1	—	5	—	2	14
Other paper goods	—	1	—	—	1	—	—	3
	1	2	—	—	2	1	—	2
Printing and Bookbinding.								
Printing and publishing establishments	2	2	—	—	4	—	—	7
	2	2	—	—	4	—	—	7
Textiles.								
Cotton mills	—	11	1	—	12	—	—	42
Dyeing and finishing textiles	—	2	1	—	3	—	—	15
Print works	—	4	—	—	4	—	—	12
Woolen mills	—	1	—	—	1	—	—	1
Not specified textile workers	—	3	—	—	3	—	—	13
	—	1	—	—	1	—	—	1
Miscellaneous Industries.								
Electric light and power companies	8	18	—	—	19	6	1	39
Electrical supplies	—	6	—	—	6	1	1	13
Rubber factories	1	2	—	—	2	1	—	6
Other miscellaneous industries and occupations	3	2	—	—	2	1	—	4
Gas and electric companies	1	6	—	—	3	2	—	4
	—	—	—	—	6	1	—	12
Water Transportation.								
Water transportation	—	4	—	—	4	—	—	10
	—	4	—	—	4	—	—	10

Transportation, Road, Etc.									
Road, street, bridge, construction of	18	50	4	-	51	9	12	155	13
Livery stables	6	22	2	-	22	5	3	67	7
Truck, transfer, cab and hack companies, garages.	6	2	-	-	2	3	-	2	-
Street railways	2	14	1	-	14	3	4	37	4
Steam railroads	4	5	1	-	5	1	2	24	2
Telephone and telegraph	2	7	-	-	8	-	3	25	-
Telephone and telegraph	2	1	-	-	2	-	1	4	-
Telephone and telegraph	2	1	-	-	2	-	1	4	-
Other Persons in Transportation.	1	1	1	-	2	-	1	2	-
Other persons in transportation	1	1	1	-	2	-	1	2	-
Aeroplane Transportation.	-	1	-	-	1	-	-	3	-
Aeroplane Transportation	-	1	-	-	1	-	-	3	-
Trade.	7	25	-	1	27	3	3	65	4
Real estate	-	4	-	-	3	-	1	7	-
Wholesale and retail trade	7	21	-	1	24	3	2	58	4
Professional Service.	-	3	1	-	3	-	1	10	-
Professional service	-	3	1	-	3	-	1	10	-
Domestic and Personal Service.	1	4	-	1	4	2	-	12	2
Occupations not in industries	-	3	-	1	3	1	-	11	1
Laundry and laundry work	1	1	-	-	1	1	-	1	1
Grand Total	71	195	14	2	216	35	31	569	50



In Memoriam

ROBERT E. GRANDFIELD

On September 24, 1932, the Industrial Accident Board suffered the loss of its beloved Secretary, Robert E. Grandfield, Esquire, who was called to his eternal reward, and the Board adopted the following resolutions in tribute to his memory:

In these days of intensity and strain, it is altogether fitting that the Members of the Industrial Accident Board pause for a brief time and in the quiet of this room, dedicated to the executive sessions of this Board take counsel, and pay tribute to an associate and departed friend.

Whereas: On the twenty-fourth day of September, 1932, at the Baker Memorial Hospital, Boston, death laid its hand upon the beloved Secretary of the Industrial Accident Board and led him away; and the book of his life was closed at a time when chapters of greater purport from the richness of his experience could have been written:

Be it Resolved: That during the twenty years he served as Secretary he won a conspicuous place in the hearts and lives of every Member of the Board and every human being with whom he came in contact, for he possessed peculiar aptitude and large natural endowments combined with well directed and ceaseless work. No one ever went to Robert for help or advice who did not leave reassured and taking with him something of the strength that Robert's very presence inspired.

He was well fitted by training and experience and his services were marked by high idealism, combined with sound judgment. He performed his duties faithfully, diligently and conscientiously.

Be it Further Resolved: That the outstanding trait of Robert was his character itself. No one could imagine his doing anything that would deviate in the slightest from the highest standard of ethics. He had in an unusual degree the kindly spirit, a sympathetic interest in those with whom he came in touch, the wish to make others happy. Though modest almost to shyness, he could on occasion be outspoken and firm. He was high minded, clean, sincere, lacking wholly in self conceit, upright and honorable, the world was the better because he lived. His loyalty and devotion to his family and to the Industrial Accident Board was outstanding and his life and work never ceased to attract general attention and admiration.

Be it Further Resolved: That in his passing the Commonwealth, his Associates and the Members of the Industrial Accident Board have suffered an irreparable loss while the loss to his family is beyond expression.

Be it Resolved: That a copy of these memoirs be spread on the records of this Board and a copy transmitted to the family.

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The Commonwealth of Massachusetts

DEPARTMENT OF INDUSTRIAL ACCIDENTS.
Room 272, State House, Boston, June 1, 1933

To the Honorable Senate and House of Representatives:

The Department of Industrial Accidents has the honor to transmit herewith its twentieth annual report.

Respectfully,

INDUSTRIAL ACCIDENT BOARD

JOSEPH A. PARKS, *Chairman*

CHESTER E. GLEASON

EMMA S. TOUSANT

EDWARD E. CLARK

ALFRED B. CENEDELLA

DANIEL J. SULLIVAN

JAMES FARRELL

EDWARD P. DOYLE, *Secretary.*

TWENTIETH ANNUAL REPORT OF THE

Department of Industrial Accidents.

INTRODUCTION

The Department of Industrial Accidents presents herewith its twentieth annual report. This report contains the facts and figures, in summarized form, which comprise the Department's experience in the administration of the Workmen's Compensation Act (General Laws, chapter 152) for the year beginning July 1, 1931 to June 30, 1932.

It may be stated, in brief, that a comparison with the report for the year ending June 30, 1931, shows that there was a decided decrease in the number of injuries reported to the Board and a corresponding decrease in the number of tabulatable injuries, from 34.7 per cent in 1931 to 34 per cent in 1932. The severity of injuries, as measured by the plan for weighting time loss due to injuries, was less by 630,545 days than for the previous year. This decrease may be accounted for, in part, by the fact that there were 7,939 less tabulatable injuries than in 1931. This number includes 222 fatals, which are given a weighted time loss of 1,332,000 days, or 360,000 days less than last year.

A synopsis of the subjects covered in the current report follows:

The Twentieth Year of the Act.—This chapter covers in condensed form the number of tabulatable injuries, total reported injuries, aggregate time lost, a condensed statement of combined payments by insurance companies operating under the Act, extent of incapacity in certain cases, and dependency, in brief, in fatal cases.

Summary of Accident Experience.—This chapter explains the various tables found in the Appendix, with a brief analysis of each, and should be referred to for an understanding of the tables used. Graphs containing comparisons are used to present certain important phases of the experience.

Dependency in Fatal Cases not Insured under the Act.—This chapter deals with facts with particular reference to the condition of dependents in fatal cases where the injured employees were not insured under the provisions of the Act. The statements represent an analysis based on Table XII in the Appendix of this report.

Medical Division.—A brief summary of the work of this division with some statistical data for the past year.

THE TWENTIETH YEAR OF THE ACT

There were 123,517 accident reports filed with the Department of Industrial Accidents during the year July 1, 1931 to June 30, 1932. Of these, 42,067 were tabulatable injuries (injuries causing the loss of at least one day or one shift, usually 8 hours), including deaths, permanent total, permanent partial, and temporary total disabilities. Death resulted in 222 of these cases, 7 involved permanent total disability, 864 were of a permanent partial nature, and 40,974 were temporary totals.

There was a decrease in the number of reported injuries, from 144,133 in 1931 to 123,517 in 1932, and a corresponding decrease in the number of tabulatable injuries, from 50,006 in 1931 to 42,067 in 1932.

The reports from insurance companies show that the payments made and to be made on account of injuries in this period total \$7,820,043.54, and are classified as follows: medical, \$2,565,441.28; fatal compensation, \$635,143.19; and non-fatal compensation, \$4,619,459.07.

The weighted time loss charged to all injuries is 3,442,083 days, distributed as follows: temporary total disability, 41.3 per cent; death, 38.7 per cent; permanent partial disability, 18.8 per cent; and permanent total disability, 1.2 per cent.

There were 222 fatalities this year, a decrease of 60 cases in comparison with the year ending June 30, 1931. Total dependency was involved in 161 of these cases, 374 persons being so dependent. In 24 cases, dependency was partial, the dependents numbering 30. In the remaining 37 cases, there was no dependency. There were 194 cases or 87.4 per cent insured.

SUMMARY OF ACCIDENT EXPERIENCE

TABLE I, TOTAL TABULATABLE INJURIES, BY INDUSTRIES AND CASES INSURED AND NOT INSURED.

The statistics of the Board show that 96.3 per cent, or 40,514 of the tabulatable injuries were insured under the provisions of the Act and that 3.7 per cent, or 1,553 cases were not insured. This compares with an insured percentage of the previous year of 96 per cent and a non-insured percentage of 4 per cent.

TABLE II, INSURANCE TRANSACTIONS UNDER THE ACT.

This table was compiled from figures furnished the Board by authorized insurance companies operating under the Act, and also from the boards, commissions and departments of the Commonwealth of Massachusetts, and all counties, cities, and towns which have accepted the provisions of chapter 807, Acts of 1913. During the year ending June 30, 1931, a total payment of \$8,978,058.04 was reported. This year's figures therefore show a decrease in the amount paid amounting to more than a million dollars.

During the past year there has been paid to injured laborers, workmen and mechanics, and their dependents of the Commonwealth and the various counties, cities, towns and districts which have accepted St. 1916, ch. 807, (now G. L. Ch. 152, ss. 69-75), the sum of \$381,654.58. During the previous year the compensation agents of the Commonwealth and the different counties, cities, towns and districts reported the payment of compensation and medical in the sum of \$410,704.70.

The average cost per case, including compensation and medical benefits, paid and outstanding, in all cases in which such payments were made whether tabulatable or not, was \$81.58.

Insurance Payments Made and Outstanding

TYPE OF PAYMENT.	Amount.	Per Cent.
Medical, for all cases	\$2,565,441.28	32.8
Fatal, dependency compensation	635,143.19	8.1
Non-fatal, disability compensation	4,619,459.07	59.1
Totals	\$7,820,043.54	100.0

Based on the payments made and the number of cases to which they apply, the average cost per case for the several groups is as follows:

Average Cost per Specified Case.

TYPE OF PAYMENT.	Number of Cases.	Average Cost.
Medical, for all cases	92,772	\$ 27.65
Fatal, dependency compensation	183	3,378.42
Non-fatal, disability compensation	27,218	169.72

TABLE III, FREQUENCY OF INJURIES, BY INDUSTRIES AND EXTENT OF DISABILITY.

This table indicates the number of deaths, permanent total disabilities, permanent partial disabilities, and temporary total disabilities.

In permanent total disabilities, the element of judgment based on experience, must enter into classifying a part of the data. In rating injuries of this nature the general principle by which severity is to be measured is based on economic loss to the community and the loss of wages to the employee. Permanent total disability applies to every injury which permanently incapacitates the workmen from performing any work continuously in a gainful occupation. The element of judgment must enter into the classification of the data, because the statistics must be compiled before we can determine definitely whether an injured employee is ever going to be able to perform work again.

Permanent partial disabilities are all injuries less than permanent total, which result in the loss of any member of the body, or part thereof, or in the permanent impairment of any function, as included in the specific injury table.

Temporary total disabilities are those in which the injured employee returned to work at his former wages, except a small number in which disability extended over one year.

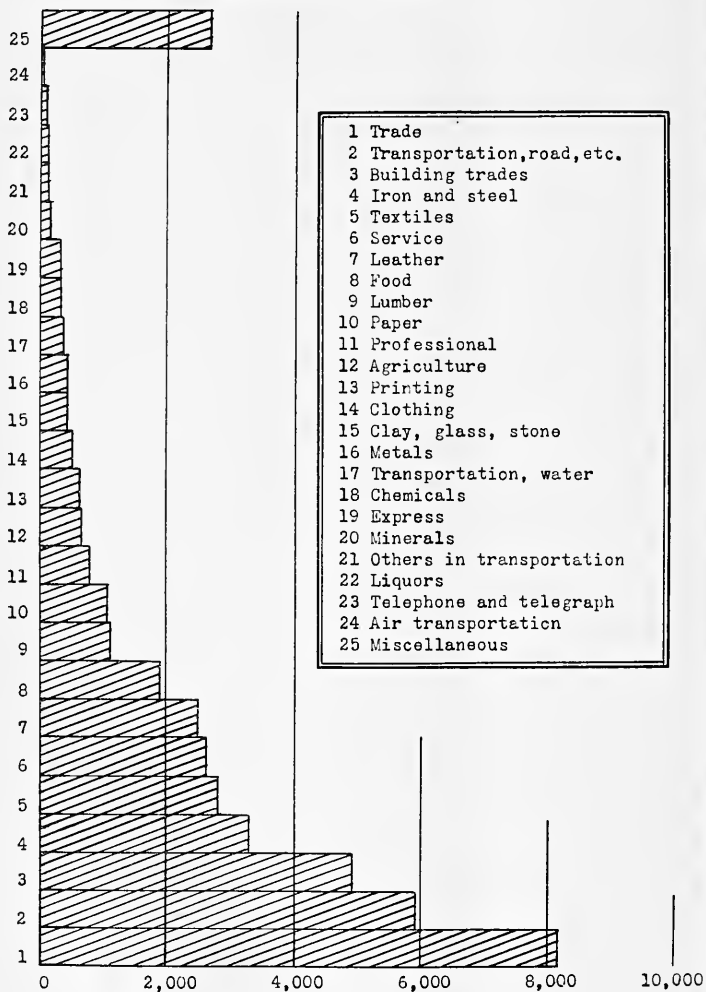
Extent of Total Tabulatable Injuries.

EXTENT OF DISABILITY.	Number of Cases.	Per Cent.
Deaths	222	.5
Permanent total disabilities	7	.1
Permanent partial disabilities	864	2.0
Temporary total disabilities	40,974	97.4
Totals	42,067	100.0

¹ Less than one-tenth of one per cent.

NUMBER OF TOTAL TABULATABLE INJURIES BY INDUSTRIES

July 1, 1931 - June 30, 1932



Department of Industrial Accidents

The following table is a summary of the duration of disability in all cases in this classification:

Duration of Temporary Total Disabilities.

DISABILITY PERIOD.	Number of Cases.	Per Cent.
1 to 3 days	5,579	13.6
4 to 7 days	8,072	19.7
1 to 2 weeks	4,914	12.0
2 to 3 weeks	5,194	12.7
3 to 4 weeks	3,701	9.0
4 to 8 weeks	7,503	18.3
8 to 13 weeks	3,001	7.3
13 to 26 weeks	1,677	4.1
26 to 52 weeks	1,047	2.6
Over 1 year	286	.7
Totals	40,974	100.0

It should be noted that in 13,651 cases, or 33.3 per cent of the temporary total disabilities, the employee was not incapacitated for a period of more than 7 days. Compensation would not be payable on these injuries, but if the employers were insured, the employees would be entitled to medical benefits.

Total Tabulatable Injuries, by Industries and Extent of Disability, Including Percentage Distribution.

INDUSTRIES.	TOTALS.		DEATHS.		PERMANENT TOTAL DISABILITIES.		PERMANENT PARTIAL DISABILITIES.		TEMPORARY TOTAL DISABILITIES.	
	Num-ber	Per Cent.	Num-ber.	Per Cent.	Num-ber.	Per Cent.	Num-ber.	Per Cent.	Num-ber.	Per Cent.
Trade	8,174	19.9	33	14.9	—	—	78	9.0	8,063	19.7
Transportation, road	5,923	14.1	55	24.8	1	14.2†	91	10.5	5,776	14.1
Building trades	4,911	11.7	15	6.8	2	28.5†	67	7.8	4,827	11.8
Iron and steel	3,308	7.8	11	5.0	2	28.5†	119	13.8	3,176	7.7
Textiles	2,826	6.7	7	3.2	—	—	83	9.6	2,736	6.7
Service	2,669	6.3	17	7.6	—	—	40	4.6	2,612	6.4
Miscellaneous	2,661	6.3	28	12.6	1	14.2†	90	10.4	2,542	6.2
Leather	2,509	5.9	6	2.7	—	—	60	7.0	2,443	5.9
Food	1,918	4.5	7	3.2	—	—	40	4.6	1,871	4.6
Lumber	1,115	2.6	5	2.2	—	—	55	6.4	1,055	2.6
Paper	1,082	2.6	6	2.7	—	—	44	5.1	1,032	2.5
Professional	779	1.8	7	3.2	—	—	13	1.5	759	1.8
Agriculture	635	1.5	7	3.2	—	—	9	1.1	619	1.5
Printing, bookbinding	612	1.4	—	—	—	—	12	1.4	600	1.5
Clothing	505	1.2	—	—	—	—	5	.6	500	1.2
Clay, glass, stone	437	1.0	2	.9	1	14.2†	17	2.0	417	1.0
Metals	425	1.0	1	.4	—	—	16	1.9	408	1.0
Water transportation	360	.8	—	—	—	—	3	.3	357	.9
Chemicals	325	.8	3	1.3	—	—	5	.6	317	.8
Express	316	.7	1	.4	—	—	2	.2	313	.7
Minerals	173	.4	4	1.8	—	—	8	.9	161	.4
Others in transportation	137	.3	3	1.3	—	—	3	.3	131	.3
Liquors	134	.3	—	—	—	—	3	.3	131	.3
Telephone, telegraph	127	.3	4	1.8	—	—	—	—	123	.3
Air transportation	6	.1	—	—	—	—	1	.1	5	.1
Totals	42,067	100.0	222	100.0	7	100.0	864	100.0	40,974	100.0

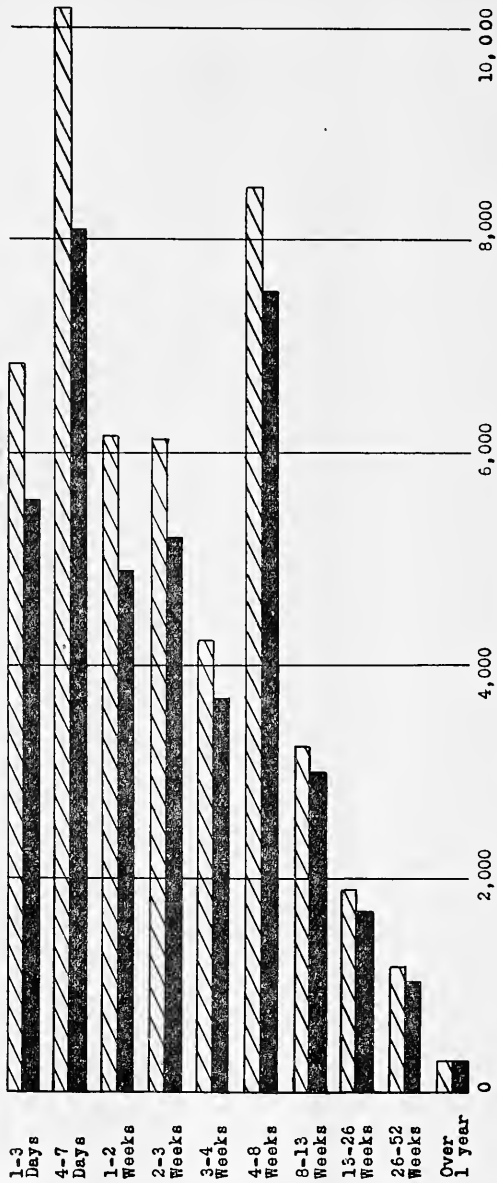
† Less than one-tenth of one per cent.

Deaths.—"Transportation, road, etc." had the highest number of deaths, 55, or 24.8 per cent; followed in order by "trade", with 33, or 14.9 per cent; "miscellaneous", with 28, or 12.6 per cent, and the rest as shown.

Permanent Total Disabilities.—There were 7 permanent total disabilities this year, distributed as follows: "building trades" and "iron and steel", each had 2, and "transportation, road, etc.", "clay, glass and stone", and "miscellaneous", each had one.

DURATION OF DISABILITY IN CASES OF TEMPORARY TOTAL DISABILITY

Comparison of year ending
June 30, 1931 with year ending June 30, 1932



Department of Industrial Accidents

There was one permanent total in which the employee, 25 years old, had both hands amputated, when they were caught in a press.

In two cases, the injuries involved both legs. In one, the employee, who was 55 years old, had both legs amputated when he was run over by a train, and in the other, paralysis of both legs resulted from an injury to the spinal cord. This employee, who was 21 years old, was injured when the truck in which he was riding, skidded and tipped over.

There was one case in which the employee, who was 70 years of age and had previously lost the sight of one eye, sustained an injury which resulted in the loss of sight in the other.

Three of the permanent total disabilities involved men of advanced years. One of these was a man 92 years old, who fell down stairs and fractured his arm and shoulder. In the second case, the employee, 67 years old, received an electric shock and drenching which was followed by a cerebral hemorrhage and paralysis of right face, arm, and leg; and in the third case, the employee, 64 years old, had a heart condition aggravated by a strain.

Permanent Partial Disabilities.—"Iron and steel" had the highest frequency with 119 cases or 13.8 per cent; "transportation, road, etc.", with 91 or 10.5 per cent, and "miscellaneous", with 90 or 10.4 per cent.

The original definition of this type of case included all injuries less than permanent total disability which resulted in the loss of any member of the body, or part thereof, or in the permanent impairment of any function of the body. However, in a great many cases there are losses coming within this definition which were so slight that it was found necessary to modify the application of the definition. Therefore, due consideration has been given to the nature of the case in determining whether or not there should be a modification of the application of this definition.

Table VIII will give some idea of the manner in which the severity is measured. The difference in the total number of permanent partial disabilities and the total number of specific injuries (Tables XIV and XV) is due to the modification of the definition as given above.

Temporary Total Disabilities.—The frequency order of this group of injuries occurred as printed.

TABLE IV, SEVERITY OF INJURIES, BY INDUSTRIES AND EXTENT OF DISABILITY.

This table aims to give a measure of the severity of injuries according to the actual and weighted time loss, the unit of time loss being the unit least given to fluctuating.

The weighting of the temporary total disabilities is most easily determined by using as the basis of measurement the actual number of days lost as a result of the injuries.

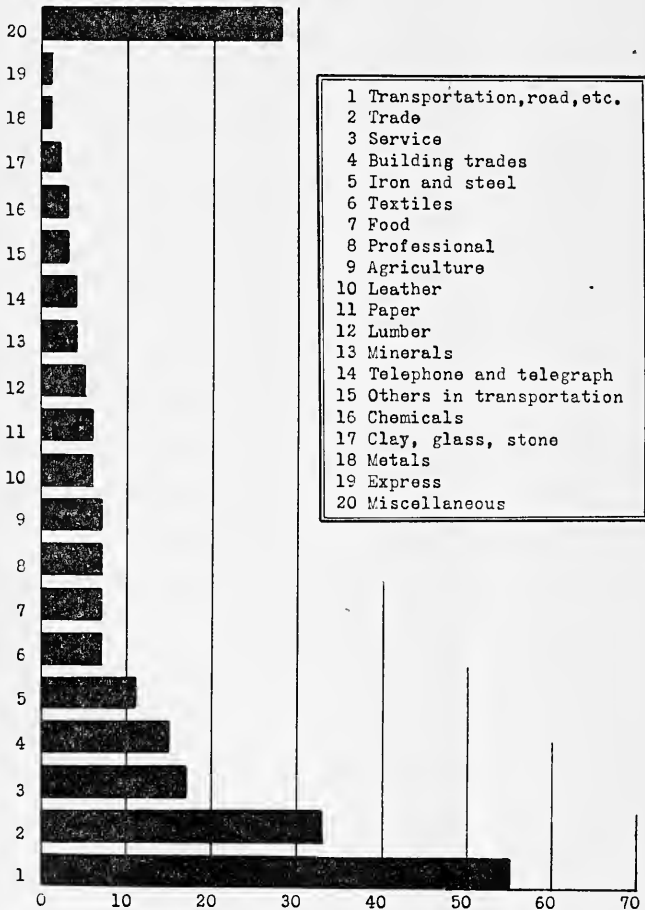
Under the plan adopted for the weighting of the other types of injuries, the following principles were used:

For each death and permanent total disability, a weight of six thousand days was employed as representing the average working life expectancy. This was determined on the accident experience in several states and some practical modifications based on committee judgment.

For each permanent partial disability, an aliquot part of six thousand days, proportionate to the degree of disability resulting from the particular bodily impairment in each case.

NUMBER OF FATAL INJURIES BY INDUSTRIES

July 1, 1931 - June 30, 1932



Department of Industrial Accidents

Severity of Total Tabulatable Injuries, by Industries and Extent of Disability.

INDUSTRIES.	Totals.	Deaths.	Per- manent Total Disabil- ities.	Per- manent Partial Disabil- ities.	Tem- porary Total Disabil- ities.
Transportation, road, etc.	624,623	330,000	6,000	72,750	215,873
Trade	508,734	198,000	—	63,350	247,384
Building trades	395,844	90,000	12,000	66,300	227,544
Miscellaneous	315,987	168,000	6,000	61,050	80,937
Iron and steel	275,847	66,000	12,000	84,500	113,347
Service	221,359	102,000	—	38,100	81,259
Textiles	200,247	42,000	—	58,350	99,897
Leather	154,372	36,000	—	40,650	77,722
Food	124,454	42,000	—	29,500	52,954
Lumber	92,633	30,000	—	30,000	32,633
Paper	90,563	36,000	—	22,950	31,613
Agriculture	81,205	42,000	—	15,900	23,305
Professional	74,813	42,000	—	11,700	21,113
Clay, glass, stone	50,133	12,000	6,000	13,050	19,103
Minerals	34,842	24,000	—	5,100	5,742
Metals	30,482	6,000	—	10,350	14,132
Chemicals	29,846	18,000	—	3,000	8,846
Others in transportation	27,378	18,000	—	3,600	5,778
Telephone and telegraph	26,677	24,000	—	—	2,677
Printing, bookbinding	25,979	—	—	7,800	18,179
Clothing	21,467	—	—	4,200	17,267
Water transportation	14,902	—	—	1,200	13,702
Express	13,900	6,000	—	600	7,300
Liquors	5,095	—	—	1,200	3,895
Air transportation	681	—	—	300	381
Totals	3,442,083	1,332,000	42,000	645,500	1,422,583

Percentage Distribution of Lost Days and Average Days Per Case, by Industries.

INDUSTRIES.	Per Cent of Total.	Average Days per Case.
Transportation, road, etc.	18.1	105
Trade	14.8	62
Building trades	11.5	80
Miscellaneous industries	9.2	118
Iron and steel	8.0	83
Service	6.4	82
Textiles	5.8	70
Leather	4.5	61
Food	3.6	64
Lumber	2.7	83
Paper	2.6	83
Agriculture	2.4	127
Professional service	2.2	96
Clay, glass, and stone	1.5	114
Minerals	1.0	201
Metals	.9	71
Chemicals	.9	91
Others in transportation	.8	199
Telephone and telegraph	.8	210
Printing and bookbinding	.7	42
Clothing	.6	42
Water transportation	.4	41
Express	.4	43
Liquors	.1	38
Air transportation	.1	113
Totals	100.0	81

¹ Less than one-tenth of one per cent

A study of the above table indicates that the industry "telephone and telegraph" contained the injuries which were of the most severe character, the average days lost per case being 210. However, it should be noted that there were only 127 cases in this industry classification, 4 being fatalities for which a weighted time loss of 24,000 days is given.

The industry "service" showed an average time loss of 82 days per case as compared with 32 days per case in 1931. This may be accounted for by the fact that there were 17 fatalities in 1932 and only 6 in 1931.

Distributed Severity of Injuries.

EXTENT OF DISABILITY.	Days Lost.	Per Cent.
Deaths	1,332,000	38.7
Permanent total disabilities	42,000	1.2
Permanent partial disabilities	645,500	18.8
Temporary total disabilities	1,422,583	41.3
Totals	3,442,083	100.0

The above table indicates that under the weighted system used, deaths cover 38.7 per cent of the total time loss, although only 222 out of a total of 42,067 cases were fatal.

TABLE V. SEX AND AGE OF INJURED IN TOTAL TABULATABLE INJURIES.

Sex of Injured.—The following table indicates that from a total of 42,067 cases, 90.4 per cent occurred among males and 4,020 or 9.6 per cent occurred among females. The experience according to the extent of disability is here shown.

Extent of Injury, by Sex.

EXTENT OF DISABILITY.	MALES.		FEMALES.	
	Number of Cases.	Per Cent.	Number of Cases.	Per Cent.
Deaths	216	.5	6	.1
Permanent total disabilities	7	. ¹	—	—
Permanent partial disabilities	804	2.1	60	1.5
Temporary total disabilities	37,020	97.3	3,954	98.4
Totals	38,047	100.0	4,020	100.0

¹ Less than one-tenth of one per cent

An analysis of the above table shows that males sustained 97.3 per cent of the fatal injuries, and that .5 per cent of the total injuries to them were fatal. The fatal injuries to women were .1 per cent of the total injuries sustained by them.

The permanent total injuries, all occurring to males, were less than one-tenth of one per cent. The percentages of the permanent partial and temporary total disabilities were of almost equal proportion.

Age.—The age experience for all years is considered by compressing the number, by year intervals, into groups sufficient for general explanation.

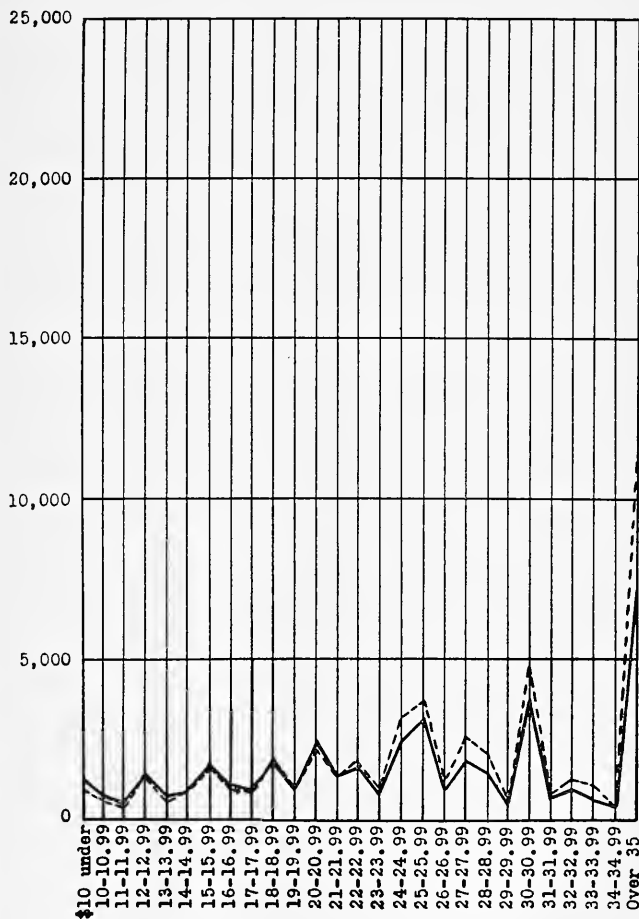
Distribution of Total Tabulatable Injuries, by Age Periods.

AGE PERIODS (YEARS) .	Number of Cases.	Per Cent.
14 and under	46	.1
15	75	.2
16	351	.8
17	633	1.5
18	981	2.3
19	1,158	2.7
20 to 24, inclusive	6,742	16.0
25 to 29, inclusive	6,105	14.5
30 to 34, inclusive	5,492	13.1
35 to 39, inclusive	5,582	13.3
40 to 44, inclusive	4,524	10.8
45 to 49, inclusive	3,656	8.7
50 to 54, inclusive	2,754	6.5
55 to 59, inclusive	1,802	4.3
60 to 64, inclusive	1,210	2.9
65 and over	956	2.3
Totals	42,067	100.0

No comment on the above table seems necessary except to state that the ages from 14 to 20 are given for the benefit of those interested in minors.

NUMBER OF TOTAL TABULATABLE INJURIES BY WAGE GROUPS

Comparison of year ending
June 30, 1931 with year ending June 30, 1932



Department of Industrial Accidents

TABLE VI, TOTAL TABULATABLE INJURIES, BY INDUSTRIES AND WAGE GROUPS.

No attempt is made in the following table to give the distribution by industries, as Table VI in the Appendix contains this information.

Distribution of Tabulatable Injuries, by Wage Groups.

WAGE GROUPS	Number of Cases.	Per Cent of Total.	Cumulative Per Cent.
Under \$10.00	1,239	3.1	3.1
\$10.00 to \$10.99	752	1.8	4.9
\$11.00 to \$11.99	395	.9	5.8
\$12.00 to \$12.99	1,323	3.2	9.0
\$13.00 to \$13.99	636	1.5	10.5
\$14.00 to \$14.99	824	2.0	12.5
\$15.00 to \$15.99	1,694	4.0	16.5
\$16.00 to \$16.99	1,069	2.5	19.0
\$17.00 to \$17.99	838	2.0	21.0
\$18.00 to \$18.99	1,809	4.3	25.3
\$19.00 to \$19.99	961	2.3	27.6
\$20.00 to \$20.99	2,389	5.7	33.3
\$21.00 to \$21.99	1,354	3.2	36.5
\$22.00 to \$22.99	1,678	4.0	40.5
\$23.00 to \$23.99	815	1.9	42.4
\$24.00 to \$24.99	2,416	5.7	48.1
\$25.00 to \$25.99	3,088	7.3	55.4
\$26.00 to \$26.99	893	2.1	57.5
\$27.00 to \$27.99	1,852	4.4	61.9
\$28.00 to \$28.99	1,475	3.5	65.4
\$29.00 to \$29.99	459	1.1	66.5
\$30.00 to \$30.99	3,739	8.9	75.4
\$31.00 to \$31.99	615	1.5	76.9
\$32.00 to \$32.99	964	2.3	79.2
\$33.00 to \$33.99	693	1.7	80.9
\$34.00 to \$34.99	406	1.0	81.9
\$35.00 and over	7,631	18.1	100.0
Totals	42,067	100.0	

This year as well as last, the group "\$35.00 and over", is the largest with 7,631 cases or 18.1 per cent of the total. This, is however, 4.2 per cent less than for the year ending June 30, 1931 and 5 per cent less than for 1930.

There was also a decrease, from 49.7 per cent in 1931 to 42.5 per cent in 1932, in the number of cases in which the employees received the maximum weekly compensation of \$18 a week.

There was an increase in the number of employees receiving less than \$10 a week, from 1.8 per cent in 1931 to 3.1 per cent in 1932.

TABLE VII, LOCATION OF INJURY, BY NATURE OF INJURY.

Distribution of Tabulatable Injuries, by Location of Injury.

LOCATION OF INJURY.	Number of Cases.	Per Cent.
Upper extremities	17,041	40.5
Lower extremities	11,157	26.5
Trunk	9,062	21.6
Head	2,362	5.6
Face and neck	1,231	2.9
Body	1,214	2.9
Totals	42,067	100.0

It will be observed that of a total of 42,067 injuries 17,041 or 40.5 per cent affected the upper extremities. Although this is 3,663 cases less than in 1931, the percentage decrease is only .9 per cent.

From the medical aspect in particular, and for information in general, the following table, which shows the number of tabulatable injuries, by the location and nature of injury, will prove of interest.

Distribution of Tabulatable Injuries, by Location and Nature of Injury

NATURE OF INJURY.	Head.	Face and Neck.	Trunk	Upper Extremities.	Lower Extremities.	Body.	Totals
Cuts, punctures, etc.	809	470	65	8,550	2,251	37	12,182
Sprains and strains	3	49	6,721	1,552	2,650	46	11,021
Abrasions, bruises, etc.	367	176	1,084	2,437	3,523	260	7,847
All other	781	92	650	1,079	941	449	3,992
Fractures	80	70	484	1,333	1,410	—	3,377
Burns and scalds	181	272	35	847	282	53	1,670
Occupational diseases	18	102	12	441	27	348	948
Amputations, loss of use	68	—	—	677	30	—	775
Dislocations	—	—	11	125	43	—	179
Concussions	55	—	—	—	—	—	55
Electric shocks	—	—	—	—	—	21	21
Totals	2,362	1,231	9,062	17,041	11,157	1,214	42,067

TABLE VIII, LOCATION, BY NATURE OF INJURY AND EXTENT OF DISABILITY.

This table shows the tabulatable injuries, by nature of injury and duration of disability, including the percentage distribution. The location of injury is not given in this analysis.

Total Tabulatable Injuries, by Nature of Injury and Extent of Disability, Including Percentage Distribution.

NATURE OF INJURY.	Totals.	Per Cent.	Deaths.	Per- manent Total Disabili- ties.	Per- manent Partial Disabili- ties.	Tem- porary Total Disabili- ties.
Cuts, punctures, etc.	12,182	29.0	19	—	3	12,160
Sprains and strains	11,021	26.2	13	—	5	11,003
Abrasions, bruises, etc.	7,847	18.7	7	—	2	7,838
All other	3,992	9.5	71	2	11	3,908
Fractures	3,377	8.0	67	1	52	3,257
Burns and scalds	1,670	4.0	13	—	—	1,657
Occupational diseases	948	2.2	13	—	19	916
Amputations, loss of use	775	1.8	1	3	771	—
Dislocations	179	.4	—	—	—	179
Concussions	55	.1	2	—	1	52
Electric shocks	21	.1	16	1	—	4
Totals	42,067	100.0	222	7	864	40,974

¹ Less than one-tenth of one per cent

TABLE IX, INFECTION, BY NATURE OF INJURY AND EXTENT OF DISABILITY.

A comparison of the statistics of infections shows that there were 634 less cases than in 1931. Experience of the Board shows that for the past four years, one out of every ten tabulatable injuries resulted in an infection. The reason for this rather strange ratio can be more or less charged to the individual.

Investigation made by the Department of Labor and Industries has indicated that in the greater majority of cases facilities for first aid treatment were available, but that the employees neglected to make use of them.

Infection, by Nature of Injury and Extent of Disability.

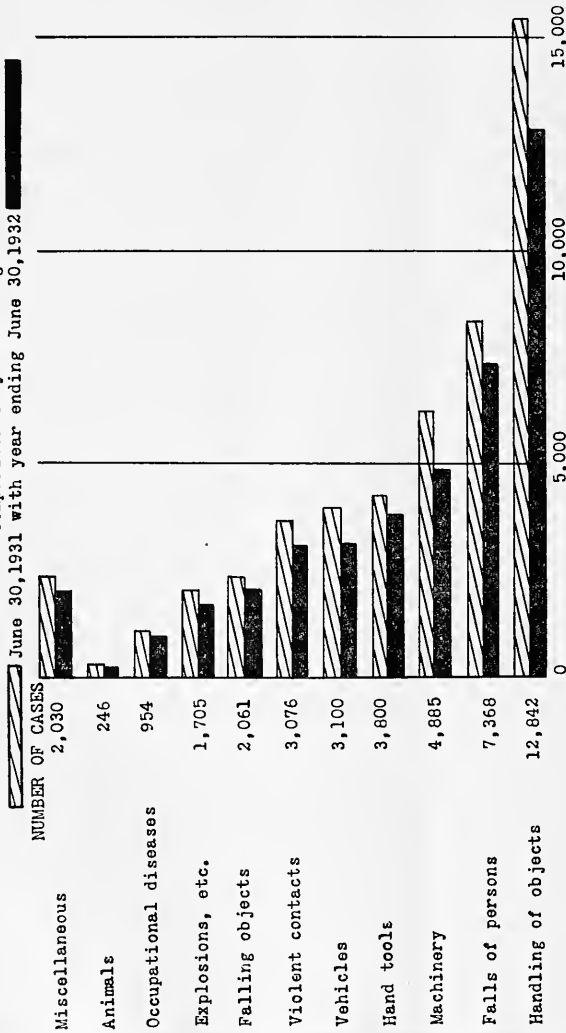
NATURE OF INJURY.	Totals.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	Temporary Total Disabilities.
Cuts, punctures, lacerations	2,749	11	—	1	2,737
All other	539	1	—	—	538
Abrasions, bruises, contusions	657	5	—	—	652
Burns and scalds	112	—	—	—	112
Amputations, loss of use	36	1	1	34	—
Fractures	10	3	—	2	5
Sprains and strains	1	—	—	—	1
Totals	4,104	21	1	37	4,045

According to the above table, 4,104 cases of infections ensued from injuries. This is 9.7 per cent of the total tabulatable injuries.

DISTRIBUTION OF INJURIES

Comparison of year ending

June 30, 1931 with year ending June 30, 1932



Department of Industrial Accidents

TABLE X, CAUSES OF INJURIES, BY EXTENT OF DISABILITY.

This table presents the accident experience with such detail as resources permit, showing by detailed causes the relative extent of different types of injuries due to assigned causes. The table also shows the weighted severity of injuries, based on time loss.

For each cause enumerated, the following information is given:

Number of tabulatable injuries:	Days lost due to:
Total cases	Total cases
Deaths	Deaths
Permanent total disabilities	Permanent total disabilities
Permanent partial disabilities	Permanent partial disabilities
Temporary total disabilities	Temporary total disabilities
7 days and under	7 days and under
1 to 2 weeks	1 to 2 weeks
2 to 3 weeks	2 to 3 weeks
Over 3 weeks	Over 3 weeks

Condensed information of the detailed table follows:

Total Tabulatable Injuries, by Cause of Injury and Extent of Disability.

CAUSE OF INJURY.	Totals.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	Temporary Total Disabilities.
Handling of objects	12,842	23	1	162	12,656
Falls of persons	7,368	37	1	49	7,281
Machinery	4,885	35	1	474	4,375
Hand tools	3,800	1	1	63	3,735
Vehicles	3,100	49	2	28	3,021
Stepping on or striking against objects	3,076	6	—	16	3,054
Falling objects, not being handled by employee	2,061	9	—	18	2,034
Miscellaneous causes	2,030	15	—	21	1,994
Explosions, electricity, etc.	1,705	32	1	12	1,660
Occupational diseases	954	13	—	20	921
Animals	246	2	—	1	243
Totals	42,067	222	7	864	40,974

The above table, in condensed form, shows for each printed cause group the total number of injuries and the distribution by extent of the resulting disability.

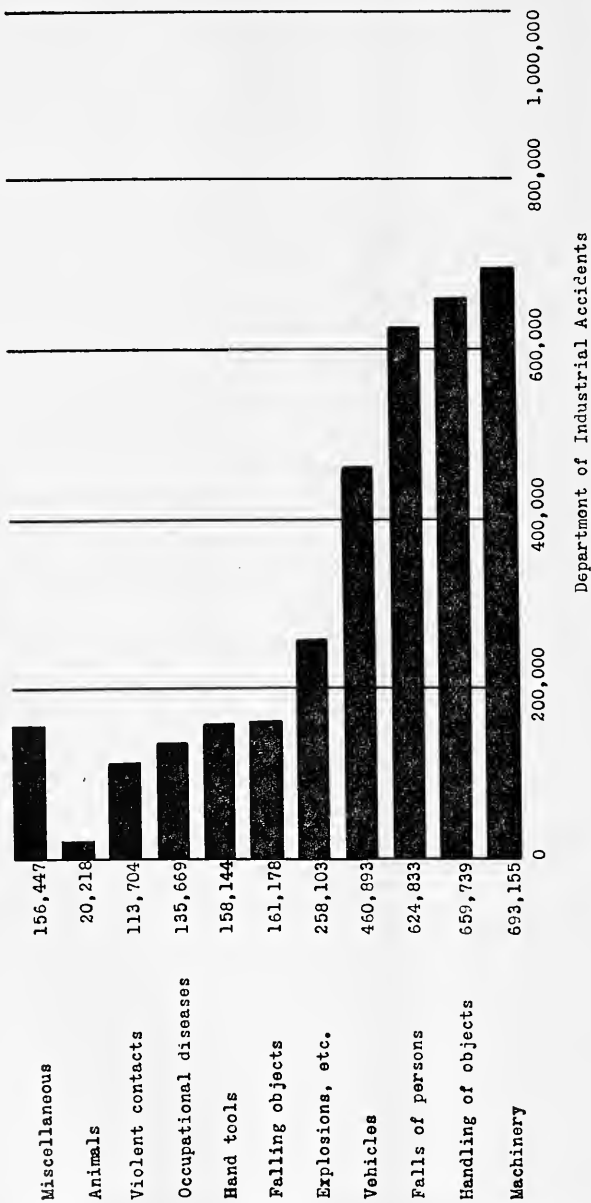
The following table shows by percentage distribution the information conveyed above, and may be better used for purposes of comparison.

Distribution of Causes, by Per Cents.

CAUSE OF INJURY.	Totals.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	Temporary Total Disabilities.
Handling of objects	30.5	10.4	14.3	18.7	30.9
Falls of persons	17.5	16.7	14.3	5.7	17.8
Machinery	11.6	15.8	14.3	54.9	10.7
Hand tools	9.0	4	14.3	7.3	9.1
Vehicles	7.4	22.1	28.5	3.2	7.4
Stepping on or striking against objects	7.3	2.7	—	1.9	7.4
Falling objects, not being handled by employee	4.9	4.0	—	2.1	5.0
Miscellaneous causes	4.8	6.8	—	2.4	4.9
Explosions, electricity, etc.	4.1	14.4	14.3	1.4	4.0
Occupational diseases	2.3	5.8	—	2.3	2.2
Animals . . . . .	.6	.9	—	.1	.6
Totals	100.0	100.0	100.0	100.0	100.0

The cause group in which the highest number of accidents occurred was "handling of objects", with 30.5 per cent, which is .4 per cent less than last year, and followed by "falls of persons", with 17.5 per cent, or an increase of .9 per cent over 1931.

DURATION OF INJURIES
NUMBER OF DAYS LOST



Distribution of Causes, by Resultant Days Lost.

CAUSE OF INJURY.	Totals.	Per Cent.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	Temporary Total Disabilities.
Machinery	693,155	20.1	210,000	6,000	317,150	160,005
Handling of objects	659,739	19.2	138,000	6,000	86,100	429,639
Falls of persons	624,833	18.2	222,000	6,000	70,050	326,783
Vehicles	460,893	13.4	294,000	12,000	29,700	125,193
Explosions, electricity, etc.	258,103	7.5	192,000	6,000	15,300	44,803
Falling objects, not being handled by employee	161,178	4.7	54,000	—	19,500	87,678
Hand tools	158,144	4.6	6,000	6,000	59,550	86,594
Miscellaneous causes	156,447	4.5	90,000	—	21,900	44,547
Occupational diseases	135,669	3.9	75,000	—	13,200	44,469
Stepping on or striking against objects	113,704	3.3	36,000	—	12,750	64,954
Animals	20,218	.6	12,000	—	300	7,918
Totals	3,442,083	100.0	1,332,000	42,000	645,500	1,422,583

As indicated above, the most serious cause of injury, as measured in terms of time lost, is "machinery", with 20.1 per cent of the total. The estimated loss on this account, as shown by the above table, was 693,155 days.

Average Time Loss per Case, by Principal Causes.

CAUSE OF INJURY.	Average Days per Case.
Explosions, electricity, etc.	151
Vehicles	148
Occupational diseases	142
Machinery	141
Falls of persons	85
Animals	82
Falling objects, not being handled by employee	78
Miscellaneous causes	77
Handling of objects	51
Hand tools	41
Stepping on or striking against objects	37

In considering these figures the fact should be remembered that the units cover all cases, including deaths, permanent total, permanent partial, and temporary total disabilities. If more detailed analysis is desired to meet particular questions, reference should be made to the Appendix under this table heading.

TABLE XI, MACHINERY—FREQUENCY OF INJURIES, BY MANNER OF OCCURRENCE AND BY PART OF MACHINE.

The number of machine accidents, according to the cause and the percentage of the total, is given in the following table:

Machine Accidents, by Manner of Occurrence.

MANNER OF OCCURRENCE.	Number of Cases.	Per Cent of Total.
Starting, stopping, or operating machine	2,368	48.5
All other	1,275	26.1
Flying objects	418	8.6
Adjusting machine, tool, or work	300	6.1
Cleaning or oiling machine	270	5.5
Breaking of machine, tool, or work	175	3.6
Repairing machine	79	1.6
Totals	4,885	100.0

Of the 4,885 machine accidents, 2,368 or 48.5 per cent, occurred while "starting, stopping or operating machine". There were 2,193 of these cases that occurred at the "point of operation".

Machine Accidents, by Part of Machine.

POINT OF OPERATION.	PART OF MACHINE.	Number of Cases.	Per Cent of Total.
Point of operation		3,102	63.5
All other		1,469	30.1
Belts		171	3.5
Gears		106	2.1
Cranks and eccentrics		21	.4
Flywheels		11	.2
Set screws, keys, and bolts		2	— ¹
Counterweights		3	.1
Totals		4,885	100.0

¹ Less than one-tenth of one per cent.

TABLE XII, CONDITION OF DEPENDENTS IN UNINSURED FATAL CASES.

This table shows in detail, when the information was obtainable, the industry, occupation, age, wage, amount payable under the act in analogous cases, dependents, settlement, and financial condition of the family. Analysis of the facts in the table is not made here, but will be found in a separate chapter devoted to the subject under this heading.

TABLE XIII, CONJUGAL CONDITION AND DEPENDENCY IN CASES OF FATAL INJURIES.

The conjugal condition of the employees fatally injured, the extent of dependency according to the number of persons dependent are considered in the following paragraphs:

Conjugal Condition in Fatal Cases.

	CONDITION.	Number of Cases.	Per Cent.
Single		47	21.2
Married		155	69.8
Widowed		18	8.1
Divorced		2	.9
Totals		222	100.0

Of the 155 cases in which the employees were married, 153 involve total dependency, 1 partial dependency, and 1 no dependency.

There were 47 cases in which the employees were single. Total dependency was involved in 3 cases, partial dependency in 21 cases and in the remaining 23 cases, there was no dependency.

In the remaining 20 cases, 18 were widowed and 2 divorced.

TABLE XIV, SPECIFIC INJURY CASES, BY AGE OF PERSONS INJURED.

This table indicates that there were 774 cases of specific injuries. In 90, or 11.6 per cent, the employees were more than 55 years of age; 3, or .4 per cent, occurred among children under 15 years of age.

The number of injuries to minors decreased from 37 in 1931 to 14 in 1932.

Specific Injuries.

TYPE OF INJURY.	Number of Cases.	Per Cent of Total.
One or more fingers, 1 phalange	516	66.7
One eye	68	8.8
Two or more fingers, 2 or more phalanges	50	6.5
Right or major index finger, 2 or more phalanges	36	4.8
Right or major thumb, 1 phalange	23	3.0
One toe	12	1.5
Right or major thumb, 2 or more phalanges	12	1.5
One foot or leg	11	1.4
Left or minor hand or arm	10	1.3
Two or more toes	6	.8
Right or major hand or arm	6	.8
Right or major index finger, at second joint and one or more fingers	6	.8
Right or major thumb at first joint and right or major index at second	4	.5
Right or major thumb and index finger, 2 or more phalanges	3	.4
Right or major thumb at first joint and 1 or more fingers	3	.4
Two or more fingers or thumbs on both hands	2	.2
Right or major thumb at second joint and 1 or more fingers	2	.2
One hand or arm and one finger or thumb	1	.1
Both feet or legs	1	.1
Both hands or arms	1	.1
Totals	774	100.0

The group "one finger or thumb", continues to be the largest numerically of all the groups classified within this table. Included within this classification are all finger injuries, except those occurring to the right or major thumb and index finger, in which there is a loss either by amputation or the equivalent loss of use, of less than two phalanges of one or more fingers. In other words, this group includes specified injuries to both one finger and left or minor thumb, and other such injuries which do not come within the higher classification, "two or more fingers, two or more phalanges".

There were three permanent total disabilities among the specific injury cases. In one of these cases, the employee, who had previously lost the sight of one eye, sustained an injury to the other, resulting in total blindness. The other two permanent totals were losses by amputation, both hands in one case and both legs in the other.

TABLE XV, SPECIFIC INJURY CASES, BY CAUSES.

There were 463 cases, or 59.8 per cent of the total specific injuries, which occurred on machinery. This is a decrease of 4.1 per cent as compared with 1931.

In the group, "one finger or thumb", there were 516 cases. There were 315 of these cases which were due to machinery and 256, or 81.3 per cent occurred at the "point of operation".

Percentage Distribution of Specific Injury Cases, by Causes.

CAUSE OF INJURY.	Number of Cases.	Per Cent of Total.
Machinery	463	59.8
Handling of objects	152	19.7
Hand tools	64	8.3
Vehicles	25	3.2
Miscellaneous causes	19	2.5
Stepping on or striking against objects	15	1.9
Falling objects, not being handled by employee	13	1.7
Falls of persons	11	1.4
Fires, explosions, electricity, etc.	10	1.3
Animals	1	.1
Occupational diseases	1	.1
Totals	774	100.0

Distribution of Specific Injuries to Eye, by Causes.

CAUSE OF INJURY.	Number of Cases.	CAUSE OF INJURY.	Number of Cases.
Hand tools	23	Vehicles	3
Machinery	15	Stepping on or striking against objects	3
Miscellaneous	6	Falls of persons	2
Fires, explosions, electricity, etc.	5	Occupational diseases	1
Handling of objects	5		
		Total	68

DEPENDENCY IN FATAL CASES NOT INSURED UNDER THE ACT.

From July 1, 1931 to June 30, 1932, there were 28 not insured fatal cases. The dependents in these cases obtained their relief by settlement, voluntary agreement, or through legal procedure.

The information contained below was obtained by questionnaires sent to the dependents or by personal interview.

Not Insured Fatal Injuries, by Industries.

INDUSTRIES.	Number of Cases.	INDUSTRIES.	Number of Cases.
Steam railroads	12	Manufacture of fireworks	1
Telephone and telegraph	4	Street railway	1
Lumber	2	Service	1
Transportation, road, etc.	2	Professional service	1
Stone	2	Iron and steel	1
Wholesale and retail trade	1		
		Total	28

The average age of the employees at the time of death was 42 years, and the average weekly wages were \$32.19.

Under the provisions of the Act, the dependents in these cases would have been paid a total of \$99,950.00. In 20 cases, dependency was total, and in each of these cases \$2,000 to \$6,400 would have been due, according to the number of dependents. There was one case of partial dependency and in the remaining 7 cases, there was no dependency. On each of the no dependency cases, \$150 would be due for funeral expenses and \$100 to the State in accordance with G. L. c. 152, s. 65.

In only 8 of these cases were we able to obtain accurate figures as to the actual amount paid by non-insured employers to the dependents of their fatally injured employees. The amount paid was \$31,500, or an average of \$3,937 per case. In 9 cases, suits at law were pending in the courts of the Commonwealth and therefore, no figures were obtainable. In the remaining cases, we were unable to obtain any report from either the employer or the dependents as to the amounts paid in settlement of their claims:

Below will be found a statistical tabulation of these cases:

Industry and Occupation	Age of Employee	Wages	Dependents	Settlement
Railroad, fireman	50	\$38.85	Widow (\$4,000.00)	\$3,000 00
Tel. and Tel., lineman	37	\$38.00	Widow and 2 children (\$3,600.00)	5,250 00
Railroad, yard helper	31	\$39.72	Widow (\$4,000.00)	3,000 00
Street railway, operator	56	\$36.48	Widow (\$4,000.00)	2,000 00
Tel. and Tel., lineman	36	\$38.00	Parents (\$3,000.00)	5,000 00
Granite, mechanic	45	\$40.00	Widow and 6 children (\$6,400.00)	4,000 00
Mfg. of machinery, general worker	25	\$21.00	Widow and 3 children (\$6,400.00)	4,000 00
Tel. and Tel., comb. installer	39	\$43.50	Mother (\$4,000.00)	5,250 00
				<hr/> \$31,500 00

Amount payable in analogous cases, \$37,400.00

An analysis of dependency in uninsured cases is of value in showing upon whom the burden fell.

Dependency in Uninsured Cases.

DEPENDENTS	Number of Cases.	DEPENDENTS.	Number of Cases.
Widow and 6 children	1	Three children	1
Widow and 3 children	2	Parents	1
Widow and 2 children	3	No dependents	7
Widow and 1 child	4	Mother	1
Widow	8		
		Total	<hr/> 28

THE MEDICAL DIVISION.

The work accomplished by the Medical Division of the Board, under the supervision of its medical adviser,¹ is briefly presented in this chapter. A more detailed statement of the work and functions of this department will be found in the sixth annual report.

Insurers under the Workmen's Compensation Act paid out for medical and hospital services during the period, July 1, 1931 to June 30, 1932, the sum of \$2,565,441.28. This sum represents 32.8 per cent of the total payments of the year. During this period 92,772 injured employees were furnished either medical or hospital treatment at the expense of the insurance companies.

Many problems have grown out of the large number of cases which have required the advice and assistance of the Medical Division, including advice as to the reasonableness of the charges of physicians and hospitals in disputed cases, adequacy of the treatment provided, additional treatment beyond the first two weeks after the injury, whether the em-

¹ Francis D. Donoghue, M. D.

plyee's incapacity for work as a result of the injury had terminated in whole or in part, and other medical questions.

Impartial physicians are appointed by the members of the Board. During the year covered by this report, 3,688 impartial examinations have been made at a total cost of \$27,349.39. In addition to this sum \$616.75 was paid out on account of services of impartial physicians at hearings upon disputed cases, and for hospital records obtained by the Board.

The medical work of the Board has been administered from the viewpoint that employees are entitled to adequate medical and hospital treatment, but that the cost of such treatment should be reasonable.

AMENDMENTS TO THE WORKMEN'S COMPENSATION ACT.

The following amendments were enacted during the 1933 session.

Section thirteen of chapter one hundred and fifty-two of the General Laws, as appearing in the Tercentenary Edition thereof, is hereby amended by adding at the end thereof the following new sentence:—

Any hospital referred to in section seventy of chapter one hundred and eleven shall be precluded from recovering in any form of action any charges for services under this chapter in excess of the amount approved by the department. (Approved March 13, 1933, in effect June 11, 1933.)

Section thirty-six of chapter one hundred and fifty-two of the General Laws, as appearing in the Tercentenary Edition thereof, is hereby amended by striking out paragraph (j) and inserting in place thereof the following:

(j) For the loss by severance of two phalanges or each of two fingers of the same hand which for the purposes hereof may include the thumb of the left or minor hand but not the thumb or index finger of the right or major hand, or of each of two or more toes of the same foot, two thirds of the average weekly wages of the injured person, but not more than ten dollars nor less than four dollars a week for a period of twenty-five weeks, for each hand or foot so injured, and any compensation payable under this paragraph shall be in addition to any compensation payable under paragraphs (g), (h), (i), and (k), or any of them, subject, however, to the limitation contained in said paragraph (k). (Approved June 10, 1933, in effect September 8, 1933.)

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STATISTICAL TABLES.

TABLE I. — *Total Tabulatable Injuries, by Industries and Cases Insured and not Insured, July 1, 1931 to June 30, 1932.*

INDUSTRIES.	Insured.	Not Insured.	Total.
Agriculture, Forestry, and Animal Husbandry.	630	5	635
Agriculture	398	4	402
Forestry	122	1	123
Animal husbandry	39	—	39
Ice harvesting	71	—	71
Extraction of Minerals.	170	3	173
Quarrying	170	3	173
Building Trades.	4,892	19	4,911
Hand trades	4,892	19	4,911
Chemical and Allied Products.	322	3	325
Fertilizers	40	—	40
Paints, varnish and japanning	51	—	51
Powder, cartridges, fireworks, etc., makers	15	1	16
Soap makers	64	1	65
Other chemical workers	152	1	153
Clay, Glass and Stone Products.	434	3	437
Brick makers	62	—	62
Potteries	2	—	2
Tile makers	25	—	25
Glass makers, workers	41	—	41
Terre cotta workers	1	—	1
Lime, cement and gypsum	101	1	102
Marble and stone cutters	198	2	200
Mica, isinglass	4	—	4
Clothing.	505	—	505
Clothing makers	391	—	391
Corset makers	18	—	18
Glove makers	1	—	1
Hat makers, wool or felt	50	—	50
Shirt, collar and cuff makers	45	—	45
Food and Kindred Products.	1,912	6	1,918
Bakery, bread and other bakery products	597	1	598
Butter and cheese makers	72	—	72
Candy, confectionery	246	1	247
Fish curers and packers	153	4	157
Flour and grain mills	2	—	2
Fruit and vegetable canners	36	—	36
Slaughter and packing houses	522	—	522
Sugar makers and refiners	71	—	71
Other food preparers	213	—	213
Iron and Steel and Their Products	3,198	110	3,308
Agricultural implements	1	—	1
Automobile factories	310	3	313
Car and railroad shops	12	1	13
Foundries and metal working, tools, forging	927	76	1,003
Manufacture of aeroplanes	2	—	2
Ship and boat building	688	23	711
Wagons and carriages	3	—	3
Other iron and steel workers	1,255	7	1,262
Leather and Its Finished Products.	2,498	11	2,509
Harness and saddle makers and repairers	2	—	2
Leather belt, leather case, pocketbook makers	87	3	90
Shoes	1,595	2	1,597
Tanneries	808	6	814
Trunk makers	6	—	6
Liquors and Beverages.	132	2	134
Breweries	—	1	1
Distilleries	3	—	3
Other liquor and beverage workers	129	1	130
Lumber and Its Re-manufacture.	1,112	3	1,115
Box makers (wood)	115	—	115
Furniture	438	—	438
Pianos and organs	40	—	40
Saw and planing mills	113	1	114
Other woodworkers	406	2	408
Metals and Metal Products Other than Iron and Steel.	425	—	425
Brass mills	52	—	52
Clock factories	4	—	4
Copper factories	53	—	53

TABLE I. — *Total Tabulatable Injuries, by Industries and Cases Insured and not Insured, July 1, 1931 to June 30, 1932 — Concluded.*

INDUSTRIES.	Insured.	Not Insured.	Total.
Metals and Metal Products Other than Iron and Steel—Con.			
Gold and silver factories	70	—	70
Jewelry factories	60	—	60
Lead and zinc factories	52	—	52
Tin-plate factories	39	—	39
Watch factories	19	—	19
Copper and brass factories	42	—	42
Other metal workers	34	—	34
Paper	1,080	2	1,082
Box makers (paper)	189	—	189
Makers of blank books, envelopes, tags, labels, paper bags	127	2	129
Paper and pulp mills	462	—	462
Pulp mills	6	—	6
Other paper goods	296	—	296
Printing and Bookbinding	608	4	612
Printing and publishing establishments	608	4	612
Textiles	2,802	24	2,826
Carpet mills.	63	—	63
Cotton mills	895	23	918
Dyeing and finishing textiles	279	—	279
Hemp and jute mills	20	—	20
Knitting mills	154	—	154
Linen mills	28	—	28
Print works	66	—	66
Rope and cordage factories, twine	23	—	23
Sail, awning and tent makers	20	—	20
Silk mills	128	1	129
Woolen mills, worsted mills	892	—	892
Not specified textile workers	234	—	234
Miscellaneous Industries.	2,597	64	2,661
Broom and brush makers	21	—	21
Button makers	9	—	9
Cigars and tobacco	15	1	16
Electric light and power companies	282	—	282
Electrical supplies.	524	1	525
Gas works	192	54	246
Oil works	279	—	279
Rubber factories	582	1	583
Straw workers	17	—	17
Gas and electric companies	102	1	103
Other miscellaneous industries and occupations	574	6	580
Water Transportation	284	76	360
Water transportation	284	76	360
Transportation, Road, Etc.	5,398	525	5,923
Construction, and maintenance of roads, street, etc.	3,202	60	3,262
Livery stables	15	1	16
Truck, transfer cab and hack companies, garages	1,769	18	1,787
Street railways	412	57	469
Steam railroads	—	389	389
Express Companies.	140	176	316
Express companies	140	176	316
Telephone and Telegraph.	—	127	127
Telephone and telegraph	—	127	127
Aeroplane Transportation.	6	—	6
Aeroplane transportation	6	—	6
Other Persons in Transportation.	133	4	137
Other persons in transportation	133	4	137
Trade.	7,892	282	8,174
Banking and brokerage	110	—	110
Insurance	114	8	122
Real estate	421	3	424
Wholesale and retail trade	6,963	271	7,234
Elevators	36	—	36
Warehouses and cold-storage plants	163	—	163
Other persons in trade	73	—	73
Clerical assistants, (industry, business or profession not specified)	12	—	12
Professional Service.	689	90	779
Professional service	689	90	779
Domestic and Personal Service.	2,655	14	2,669
Occupations not in industries	2,200	11	2,211
Laundry and laundry work	455	3	458
Grand total	40,514	1,553	42,067

TABLE II. — *Insurance Transactions Under the Act, filed by Insurance Companies on Injuries Reported for the Year, July 1, 1931 to June 30, 1932.*

Number of employees who lost no time from work, but required medical services	56,656	
Payments made		\$562,714 88
Outstanding payments		17,235 57
		<hr/> \$579,950 45
Number of employees who were not disabled more than seven days, but required medical services	11,785	
Payments made		\$140,788 78
Outstanding payments		11,933 40
		<hr/> \$152,722 18
Number of employees receiving compensation only	3,975	
Payments made		\$217,825 10
Outstanding payments		44,464 00
		<hr/> \$262,289 10
Number of employees requiring both medical services and compensation	24,143	
Medical payments made		\$1,464,850 16
Medical payments outstanding		360,640 31
		<hr/> \$1,825,520 47
Compensation payments made		2,833,141 29
Compensation payments outstanding		1,524,028 68
		<hr/> \$4,357,169 97
Number of employees requiring neither medical services nor compensation	27,214	
Total dependency fatalities	151	
Compensation payments made		\$92,694 34
Outstanding compensation payments		502,234 73
		<hr/> \$594,929 07
Partial dependency fatalities	23	
Compensation payments made		\$4,179 76
Outstanding compensation payments		32,462 00
		<hr/> \$36,641 76
No dependency fatalities	14	
Compensation payments made		\$2,391 36
Outstanding compensation payments		1,181 00
		<hr/> \$3,572 36
<hr/>		
Number of fatal cases reported to insurers		188
Number of non-fatal cases reported to insurers		122,573
		<hr/> 123,061
Total number reported to insurers		
Total medical paid		\$2,173,600 17
Total medical outstanding		391,841 11
		<hr/> \$2,565,441 28
Total fatal compensation paid		\$99,265 46
Total fatal compensation outstanding		535,877 73
		<hr/> \$635,143 19
Total non-fatal compensation paid		\$3,050,966 39
Total non-fatal compensation outstanding		1,568,492 68
		<hr/> \$4,619,459 07
Total payments made		\$5,323,832 02
Total payments outstanding		2,496,211 52
		<hr/> \$7,820,043 54

TABLE III. — Frequency of Injuries, by Industry and Extent of Disability, July 1, 1931, to June 30, 1932

INDUSTRIES.	NUMBER OF TABULATABLE INJURIES.													TEMPORARY DISABILITIES.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	Total. Deaths.	Per- manent Disa- bilities.	Per- manent Partial Disa- bilities.	1 to 3 Days.										4 to 13 Weeks.										Over 1 Year.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
				1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	52 Weeks.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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Flour and grain mills	2	1	1	5	2	5	3	2	2	36	2
Fruit and vegetable canners	3	96	134	69	73	38	59	28	11	513	2
Slaughter and packing houses	1	12	12	8	2	7	3	2	70	2	3
Sugar makers and refiners	2	32	52	24	22	16	38	13	6	208	4
Other food preparers.	11	398	621	353	405	262	644	252	134	3,176	21
Iron and Steel and Their Products.											
Agricultural implements	1	31	58	22	49	28	66	24	17	304	1
Automobile factories	13	1	1	3	3	5	5	2	1	13	1
Car and railroad shops	6	39	181	111	124	74	192	80	35	958	5
Foundries and metal working, tools	2	6	88	153	100	62	138	34	21	702	4
Manufacture of airplanes	1	66	145	229	119	139	241	114	58	1,191	11
Ship and boat building	3	2	60	327	462	299	306	260	443	2,443	4
Wagons and carriages	2	60	327	462	299	306	260	443	183	2,443	4
Other iron and steel workers	2	2,509	4,189	2,509	4,189	2,509	4,189	2,509	4,189	2,509	2
Leather and Its Finished Products.											
Harness and saddle makers and repairers	2	90	17	22	10	5	8	16	2	89	1
Leather belt, leather case and pocketbook makers	3	1,597	219	257	180	200	282	113	80	34	4
Shoes	3	814	91	182	107	101	72	142	19	797	4
Tanneries	6	134	18	29	16	24	8	20	10	131	1
Trunk makers	1	130	2	2	23	8	19	10	3	127	1
Liquors and Beverages.											
Breweries	1	1,115	139	213	145	134	83	206	71	39	20
Distilleries	3	115	14	21	11	17	6	13	8	107	2
Other liquor and beverage workers	5	438	54	87	65	52	27	75	13	419	2
Lumber and Its Re-manufacture.											
Box makers (wood)	40	114	17	14	13	4	27	11	6	108	1
Furniture	2	408	53	78	51	47	32	86	16	382	1
Pianos and organs	1	425	43	86	48	52	36	75	39	408	2
Saw and planing mills	1	52	10	10	10	10	5	3	2	51	1
Other wood workers	4	53	9	9	9	9	5	5	4	52	1
Metals and Metal Products Other than Iron and Steel.											
Brass mills	4	53	8	11	13	7	5	8	3	65	1
Clock factories	60	60	16	16	6	2	3	12	9	3	1
Copper factories	52	39	4	4	4	4	6	7	3	38	1
Gold and silver factories	19	42	2	2	2	3	3	3	3	19	1
Jewelry factories	34	34	2	2	2	3	5	7	3	39	1
Lead and zinc factories	42	42	2	2	2	3	5	7	3	39	1
Watch factories	34	34	2	2	2	3	5	7	3	39	1
Other metal workers	189	189	11	11	11	11	11	11	11	189	1
Paper.											
Box makers	5	1,032	178	113	158	108	239	76	35	1,032	5

TABLE III — Frequency of Injuries, by Industry and Extent of Disability, etc. — Concluded.

INDUSTRIES.	NUMBER OF TABULATABLE INJURIES.														
	Total.	Deaths.	Per- manent Disa- bilities.	Per- manent Partial Disa- bilities.	TEMPORARY DISABILITIES.										
					1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 1 Year.	Total.
Paper—Con.															
Makers of blank books, envelopes, tags and s bags	129	—	—	5	10	17	15	18	17	33	5	8	1	—	124
Paper and pulp mills	462	4	—	16	39	71	55	77	45	102	35	12	4	2	442
Pulp mills	6	1	—	—	—	—	1	1	—	3	—	—	—	—	5
Other paper goods	296	1	—	12	36	53	27	35	25	66	25	11	3	2	283
Printing and Bookbinding.															
Printing and publishing establishments	612	—	—	12	106	116	65	77	44	120	45	13	10	4	600
	612	—	—	12	106	116	65	77	44	120	45	13	10	4	600
Textiles.															
Carpet mills	2,826	7	—	83	276	549	321	370	272	508	228	119	76	17	2,736
Cotton mills	63	—	—	3	9	12	6	9	6	9	4	2	1	2	60
Dyeing and finishing textiles	918	1	—	23	83	158	97	114	98	104	75	47	20	8	894
Hemp and jute mills	279	1	—	11	29	68	32	31	15	54	21	13	4	—	267
Knitting mills	20	—	—	—	2	3	2	1	2	3	2	3	—	—	20
Linen mills	154	1	—	4	28	35	21	18	15	18	6	5	3	—	149
Print works	28	—	—	—	1	7	3	6	3	7	1	—	—	—	28
Rope and cordage factories, twine Sail, awning and tent makers	66	—	—	1	2	11	10	5	8	11	9	3	6	—	65
Silk mills	23	—	—	1	3	4	2	3	—	5	2	1	—	—	22
Woolen and worsted mills	129	—	—	1	17	19	12	18	8	20	18	8	6	2	128
Not specified textile workers	892	3	—	33	78	187	104	133	92	140	71	22	24	5	856
	234	1	—	5	17	42	30	31	24	43	16	15	10	—	228
Miscellaneous Industries.															
Broom and brush makers	2,661	28	1	90	340	551	307	335	209	489	170	71	55	15	2,542
Button makers	21	—	—	1	4	4	3	5	—	1	2	1	—	—	20
Cigars	9	—	—	—	—	2	1	4	1	1	—	—	—	—	9
Electric light and power companies	16	1	—	—	6	2	1	3	—	3	—	—	—	—	15
Electrical supplies	282	13	—	3	31	86	30	31	19	39	13	8	8	1	266
Gas works	525	6	—	31	42	89	51	66	47	115	42	19	15	2	488
Oil works	246	2	—	1	31	57	49	33	14	36	10	7	3	3	243
Rubber factories	279	1	—	1	50	67	37	38	20	39	13	8	4	1	277
Straw workers	583	2	—	23	72	112	50	68	45	121	50	20	18	2	558
Gas and electric companies	17	—	—	—	3	5	—	2	4	2	1	—	—	—	17
Other miscellaneous industries and occupations	103	—	2	2	12	30	17	6	9	18	5	1	2	1	101
	580	3	1	28	89	97	68	79	50	114	34	7	5	5	548
Water Transportation.															
Water transportation	360	—	—	3	36	64	52	54	36	56	24	21	11	3	357
	360	—	—	3	36	64	52	54	36	56	24	21	11	3	357

TABLE IV. — *Severity of Injuries, by Industry and Extent of Disability, July 1, 1931, to June 30, 1932*

INDUSTRIES.	Total.	Deaths.	Per- manent Total Disa- bilities.	Per- manent Partial Disa- bilities.	NUMBER OF DAYS LOST.												Over 1 Year.	Total.		
					TEMPORARY DISABILITIES.															
					1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	52 Weeks.						
Agriculture, Forestry and Ani- mal Husbandry.																				
Agriculture	81,205	42,000	—	15,900	171	596	1,178	1,239	1,440	5,201	3,199	2,684	4,233	3,364	23,305	3,364	23,305			
Forestry	39,952	18,000	—	6,000	107	378	760	814	969	3,149	2,010	1,635	2,736	3,364	15,952	3,364	15,952			
Animal husbandry	20,135	12,000	—	4,800	42	103	202	209	228	1,128	622	801	—	—	3,335	—	3,335			
Ice harvesting	1,381	—	—	300	9	85	63	37	28	230	132	—	497	—	1,081	—	1,081			
Ice harvesting	19,737	12,000	—	4,800	13	30	153	149	215	694	435	248	1,000	—	2,937	—	2,937			
Extraction of Minerals.																				
Quarrying	34,842	24,000	—	5,100	51	198	173	250	251	1,170	1,541	1,348	760	—	5,742	—	5,742			
Quarrying	34,842	24,000	—	5,100	51	198	173	250	251	1,170	1,541	1,348	760	—	5,742	—	5,742			
Building Trades.																				
Hand trades	395,844	90,000	12,000	66,300	1,554	4,413	5,330	9,364	11,279	40,210	30,579	41,465	54,756	28,594	227,544	28,594	227,544			
Hand trades	395,844	90,000	12,000	66,300	1,554	4,413	5,330	9,364	11,279	40,210	30,579	41,465	54,756	28,594	227,544	28,594	227,544			
Chemical and Allied Products.																				
Fertilizers	29,846	18,000	—	3,000	111	421	412	612	668	2,369	1,965	852	1,436	—	8,846	—	8,846			
Fertilizers	1,671	—	—	—	18	43	39	34	49	445	63	355	625	—	1,671	—	1,671			
Paints, varnish, japanning	1,584	—	—	—	14	45	63	135	104	485	408	94	236	—	1,584	—	1,584			
Powder, cartridges, fireworks, etc., makers	6,831	6,000	—	—	3	14	13	20	53	172	155	126	275	—	831	—	831			
Soap makers	3,638	—	2,400	—	26	121	70	53	155	289	524	—	—	—	1,238	—	1,238			
Other chemical workers	16,122	12,000	—	600	50	198	227	370	367	978	815	277	300	—	3,522	—	3,522			
Clay, Glass and Stone Products.																				
Brickmakers	50,153	12,000	6,000	13,050	105	489	378	848	1,105	3,439	2,571	1,885	4,550	3,733	19,103	3,733	19,103			
Potteries	8,362	—	6,000	—	15	83	24	57	283	590	360	390	186	374	2,362	374	2,362			
Tile makers	2,079	—	750	—	5	31	50	55	47	160	—	—	—	49	—	49	—			
Glass makers and workers	1,416	—	—	—	16	29	52	123	167	211	243	—	—	606	375	1,329	1,416			
Terra cotta workers	31	—	—	—	—	—	—	—	—	—	—	—	—	575	—	575	31			
Lime, cement, and gypsum	4,041	—	300	—	35	130	113	169	205	859	719	435	676	400	3,741	400	3,741			
Marble and stone cutters	30,440	12,000	—	8,400	34	216	139	409	403	1,557	1,131	1,060	2,507	2,584	10,040	2,584	10,040			
Mica and isinglass	3,735	—	3,600	—	—	—	17	—	—	—	118	—	—	—	135	—	135			
Clothing.																				
Clothing makers	21,467	—	4,200	—	166	541	842	1,401	1,423	2,960	1,476	2,770	3,388	2,300	17,267	2,300	17,267			
Corset makers	15,209	—	1,650	—	114	367	738	1,169	1,218	2,237	1,190	2,075	2,731	1,700	13,559	1,700	13,559			
Glove makers	2,011	—	1,800	—	11	45	—	—	23	132	—	—	—	—	211	—	211			
Hat makers, wool or felt	24	—	—	—	—	—	—	—	24	—	—	—	—	—	—	—	—			
Hat makers, wool or felt	2,356	—	750	—	21	53	55	111	80	390	73	367	456	—	1,606	—	1,606			
Shirt, collar and cuff makers	1,867	—	—	—	20	76	29	121	78	201	213	328	201	600	1,867	—	1,867			
Food and Kindred Products.																				
Bakeries	124,454	42,000	—	29,500	745	2,295	2,700	4,679	4,153	11,221	8,376	7,538	6,604	4,643	52,954	4,643	52,954			
Butter and cheese makers	54,929	18,000	—	17,100	212	609	726	1,197	1,573	4,085	3,240	3,279	3,265	1,643	19,829	1,643	19,829			
Candy and confectionery	8,334	6,000	—	300	19	49	106	232	124	707	222	175	400	—	2,034	—	2,034			
Fish curers and packers	11,459	—	3,750	—	76	230	373	781	641	1,528	1,105	1,075	1,900	—	7,709	—	7,709			
Fish curers and packers	3,181	—	—	—	71	171	281	560	304	903	433	158	300	—	3,181	—	3,181			

Flour and grain mills	10	7	3	3	126	127	126	234	214	126	214	18,088	16,317	21,754	9,024	113,347	30
Fruit and vegetable canners	877	63	65	26	1,327	942	1,562	1,562	2,031	2,193	2,031	2,193	2,193	716	800	11,241	877
Slaughter and packing houses	35,591	753	774	1,327	144	48	253	304	218	233	218	233	751	233	1,800	6,503	877
Sugar makers and refiners	2,070	31	116	297	252	402	394	1,426	913	1,426	913	1,426	913	190	1,800	6,503	877
Other food preparers	8,003	78	297	402	394	1,426	913	1,426	913	1,426	913	1,426	913	190	1,800	6,503	877
Iron and Steel and Their Products.	275,847	3,450	4,125	7,457	6,723	25,407	18,088	16,317	21,754	9,024	113,347	30					
Agricultural implements	30	76	326	259	911	720	2,517	1,748	2,492	400	1,224	2,110	32,288	2,110	32,288	2,110	32,288
Automobile factories	23,423	2	1,001	1,306	2,296	1,896	7,497	5,680	4,252	5,912	2,110	32,288	2,110	32,288	2,110	32,288	2,110
Car and railroad shops	1,224	338	1,001	1,306	2,296	1,896	7,497	5,680	4,252	5,912	2,110	32,288	2,110	32,288	2,110	32,288	2,110
Foundries and metal working, tools	104,188	219	833	1,146	1,652	5,444	2,701	3,475	1,750	21,267	174	47,257	174	47,257	174	47,257	174
Manufacture of airplanes	134	364	1,290	1,406	2,549	9,692	8,218	7,090	9,382	4,764	47,257	174	47,257	174	47,257	174	47,257
Ship and boat building	31,767	3	8	8	163	163	163	163	163	163	163	163	163	163	163	163	163
Wagons and carriages	174	3	8	8	163	163	163	163	163	163	163	163	163	163	163	163	163
Other iron and steel workers	114,907	833	2,568	3,520	5,517	6,574	17,369	13,032	12,474	14,197	1,638	77,722	1,638	77,722	1,638	77,722	1,638
Leather and Its Finished Products.	154,372	40,650	3,520	5,517	6,574	17,369	13,032	12,474	14,197	1,638	77,722	49					
Harness and saddle makers and repairers	49	44	116	117	97	209	629	547	256	250	250	250	250	250	250	250	250
Leather belt, leather case and pocket-book makers	2,565	558	1,430	2,148	3,619	4,545	11,045	8,092	9,753	8,261	1,638	51,089	8,261	1,638	51,089	8,261	1,638
Shoes	97,439	231	1,015	1,232	1,801	1,820	5,576	4,393	2,355	3,480	23,913	406	23,913	406	23,913	406	23,913
Tanneries	53,913	7	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
Trunk makers.	406	45	162	171	429	197	859	712	451	469	400	3,895	451	469	400	3,895	451
Liquors and Beverages.	5,095	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
Breweries	15	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Distilleries	67	45	151	171	414	197	803	712	451	469	400	3,895	451	469	400	3,895	451
Other liquor and beverage workers	5,013	45	151	171	414	197	803	712	451	469	400	3,895	451	469	400	3,895	451
Lumber and Its Re-manufacture.	92,633	30,000	354	1,150	1,683	2,435	2,092	8,130	4,922	4,527	5,265	2,075	2,075	2,075	2,075	2,075	2,075
Box makers (wood)	8,870	33	109	116	299	151	436	899	968	484	875	4,370	968	484	875	4,370	968
Furniture	26,076	142	465	762	951	936	2,999	1,873	1,492	2,006	800	12,426	2,006	800	12,426	2,006	800
Pianos and organs	1,478	10	63	47	90	105	180	261	197	225	197	225	197	225	197	225	197
Saw and planing mills	17,155	35	91	166	229	97	1,123	795	654	465	465	3,655	465	465	400	11,004	465
Other wood workers	39,034	134	422	592	866	803	3,392	1,094	1,216	2,085	400	11,004	1,216	2,085	400	11,004	1,216
Metals and Metal Products Other than Iron and Steel.	30,482	10,350	113	480	566	961	910	3,002	2,758	2,232	2,110	1,000	1,000	1,000	1,000	1,000	1,000
Brass mills	1,768	25	59	84	188	123	212	219	258	258	258	258	258	258	258	258	258
Clock factories	44	2	4	13	15	25	25	513	502	218	634	600	2,650	600	2,650	600	2,650
Copper factories	3,754	6	50	55	181	95	513	281	345	356	540	400	2,378	400	2,378	400	2,378
Gold and silver factories	5,800	20	63	158	161	126	455	647	338	200	338	200	1,754	200	1,754	200	1,754
Jewelry factories	3,428	10	86	118	118	124	482	196	538	250	312	1,153	312	1,153	312	1,153	312
Lead and zinc factories	2,054	300	18	73	76	37	296	223	312	312	312	312	312	312	312	312	312
Tin plate factories	1,453	300	10	32	56	78	146	296	223	312	312	312	312	312	312	312	312
Watch factories	463	11	21	22	51	137	221	114	486	486	486	486	486	486	486	486	486
Copper and brass factories	2,784	6	53	66	91	132	282	204	114	486	486	486	486	486	486	486	486
Other metal workers	8,934	2,100	39	36	56	55	344	201	98	98	98	98	98	98	98	98	98
Paper.	90,563	22,950	278	980	1,288	2,909	2,729	9,495	5,481	4,414	1,869	2,170	31,613	2,170	31,613	2,170	31,613
Box makers	10,904	72	203	160	503	530	530	1,389	810	462	462	462	462	462	462	462	462
Makers of blankbooks, envelopes, tags and labels, bags	6,692	24	95	176	332	428	428	1,350	378	1,082	277	4,142	277	4,142	277	4,142	277

TABLE IV. — *Severity of Injuries, by Industry and Extent of Disability, etc.* — Concluded.

INDUSTRIES.	Total.	Deaths.	Per- manent Total Disa- bilities.	Per- manent Partial Disa- bilities.	NUMBER OF DAYS LOST.												Over 1 Year.	Total.		
					TEMPORARY DISABILITIES.															
					1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	1 Year.						
Paper — Con.																				
Paper and pulp mills	46,555	24,000	—	93	379	634	1,416	1,135	4,002	2,498	1,514	834	900	13,405	—	152	9,310			
Pulp mills	6,152	6,000	—	—	—	9	16	—	127	—	—	—	—	—	—	795	—			
Other paper goods	20,260	6,000	—	89	303	309	642	636	2,627	1,795	1,356	758	—	—	—	—	—			
Printing and Bookbinding.																				
Printing and publishing establishments	25,979	—	—	257	662	752	1,394	1,089	4,811	3,259	1,551	2,604	1,800	18,179	—	—	—			
Textiles.																				
Carpet mills	200,247	42,000	—	707	3,018	3,677	6,837	6,937	20,667	16,203	14,945	19,291	7,615	99,897	—	—	—			
Cotton mills	3,659	—	—	23	71	67	165	157	357	303	216	200	900	2,459	—	—	—			
Dyeing and finishing textiles	54,594	6,000	—	221	883	1,127	2,092	2,537	7,885	5,257	5,857	4,885	3,750	34,494	—	—	—			
Hemp and jute mills	22,226	6,000	—	73	360	373	574	373	2,249	1,569	1,660	1,034	—	8,276	—	—	—			
Knitting mills	761	—	—	5	19	25	16	51	179	145	321	—	—	761	—	—	—			
Linen mills	13,835	6,000	—	72	193	245	337	374	732	412	759	811	—	3,935	—	—	—			
Print works	596	—	—	2	41	39	110	78	254	72	—	—	—	596	—	—	—			
Rope and cordage factories, twine	4,113	—	—	6	58	114	89	195	484	681	411	1,775	—	3,813	—	—	—			
Sail, awning and tent makers	1,163	—	—	17	19	17	17	27	196	140	128	—	—	563	—	—	—			
Silk mills	1,461	—	—	7	20	23	51	—	95	193	—	472	—	861	—	—	—			
Woolen and worsted mills	6,646	—	—	40	104	131	326	210	801	1,267	1,014	1,513	850	6,346	—	—	—			
Wooden and worsted mills	70,197	18,000	—	199	1,023	1,165	2,476	2,325	5,556	4,945	2,793	6,200	2,115	28,797	—	—	—			
Not specified textile workers	20,996	6,000	—	42	227	338	584	610	1,789	1,219	1,786	2,401	—	8,996	—	—	—			
Miscellaneous Industries.																				
Broom and brush makers	315,987	168,000	6,000	851	3,108	3,577	6,179	5,286	19,577	12,080	8,973	14,156	7,150	80,937	—	—	—			
Button makers	1,145	—	—	9	23	36	94	32	327	169	182	—	—	545	—	—	—			
Cigars	161	—	—	—	13	10	81	26	31	—	—	—	—	161	—	—	—			
Electric light and power companies	6,217	6,000	—	15	11	12	54	465	1,578	924	1,002	1,865	400	7,717	—	—	—			
Electrical supplies	89,617	78,000	—	79	489	342	573	1,245	3,038	2,260	3,804	850	18,359	18,359	—	—	—			
Gas works	71,909	36,000	—	107	521	609	1,245	1,210	4,715	3,038	2,260	3,804	850	18,359	—	—	—			
Oil works	20,812	12,000	—	82	309	587	1,800	1,401	728	907	745	1,325	7,012	7,012	—	—	—			
Rubber factories	14,883	6,000	—	121	373	438	689	509	1,515	948	935	1,155	400	7,083	—	—	—			
Straw workers	53,410	12,000	—	182	615	559	1,248	1,148	4,973	3,530	2,695	4,660	1,100	20,710	—	—	—			
Other miscellaneous industries and oc- cupations	322	—	—	7	25	—	34	109	78	69	—	—	—	322	—	—	—			
Gas and electric companies	53,632	18,000	6,000	220	562	809	1,449	1,240	4,362	2,319	894	1,352	2,625	15,832	—	—	—			
	3,879	—	—	29	167	195	114	229	767	355	98	575	450	2,979	—	—	—			
Water Transportation.																				
Water transportation	14,902	—	—	90	378	619	1,028	946	2,136	1,721	2,498	2,961	1,325	13,702	—	—	—			
	14,902	—	—	90	378	619	1,028	946	2,136	1,721	2,498	2,961	1,325	13,702	—	—	—			
Transportation, Road, etc.																				
Road, street, bridge, construction of	624,623	330,000	6,000	1,943	6,119	7,563	12,833	13,524	44,268	30,248	35,704	45,393	18,278	215,873	—	—	—			
	345,339	162,000	—	917	3,137	3,963	6,908	7,915	26,196	17,865	22,452	32,591	13,245	135,189	—	—	—			

Livery stables	1,710	-	-	750	-	-	10	24	41	26	48	212	349	250	-	960
Truck, transfer, hack and cab companies, garages	146,826	72,000	-	18,450	642	1,985	2,298	4,074	3,821	12,512	8,670	9,774	9,252	3,348	56,376	
Street railways	43,089	24,000	-	3,000	177	492	643	1,077	961	3,473	2,191	2,090	3,300	1,685	16,089	
Steam railroads	87,059	72,000	6,000	1,800	207	495	635	733	801	2,039	1,310	1,039	-	7,259	-	
Express Companies.	13,900	6,000	-	600	124	489	645	711	535	1,394	618	659	1,650	475	7,300	
Express companies	13,900	6,000	-	600	124	489	645	711	535	1,394	618	659	1,650	475	7,300	
Telephone and Telegraph.	26,677	24,000	-	-	40	148	361	251	342	513	522	100	-	400	2,677	
Telephone and telegraph	26,677	24,000	-	-	40	148	361	251	342	513	522	100	-	400	2,677	
Air Transportation.	681	-	-	300	3	6	-	-	-	32	-	115	225	-	381	
Air transportation	681	-	-	300	3	6	-	-	-	32	-	115	225	-	381	
Other Persons in Transportation.	27,378	18,000	-	3,600	30	91	220	262	417	1,034	931	908	1,085	800	5,778	
Other persons in transportation	27,378	18,000	-	3,600	30	91	220	262	417	1,034	931	908	1,085	800	5,778	
Trade.	508,734	198,000	-	63,350	3,195	9,618	11,702	22,333	17,388	51,425	39,307	31,648	41,335	19,433	247,384	
Banking and brokerage	3,573	-	-	-	54	111	203	202	127	625	736	736	779	-	3,573	
Insurance	4,668	-	-	1,650	41	210	194	148	173	665	581	296	710	-	3,018	
Real estate	48,578	24,000	-	5,300	99	449	458	1,215	844	3,288	2,456	2,355	5,295	2,819	19,278	
Wholesale and retail trade	415,496	150,000	-	52,800	2,888	8,579	10,426	20,160	15,610	45,137	33,984	26,897	33,576	15,439	212,696	
Elevators	13,307	12,000	-	600	10	67	41	40	52	164	133	-	200	-	707	
Warehouses and cold-storage plants	16,363	12,000	-	-	75	139	255	322	412	892	888	1,130	250	-	4,363	
Other persons in trade	6,540	-	-	3,000	21	39	114	246	170	487	529	234	525	1,175	3,540	
Clerical assistants, industry, business or profession, not specified	209	-	-	-	7	24	11	-	-	167	-	-	-	-	209	
Professional Service.	74,813	42,000	-	11,700	338	1,125	1,022	1,616	1,670	3,657	2,470	3,187	4,728	1,300	21,113	
Professional service	74,813	42,000	-	11,700	338	1,125	1,022	1,616	1,670	3,657	2,470	3,187	4,728	1,300	21,113	
Domestic and Personal Service.	221,359	102,000	-	38,100	951	2,805	4,218	6,599	6,239	16,658	13,355	10,452	13,994	5,988	81,259	
Occupations not in industries	175,736	84,000	-	25,800	792	2,312	3,613	5,480	5,164	13,748	10,839	9,089	9,759	5,138	65,936	
Laundry and laundry work	45,623	18,000	-	12,300	159	493	603	1,119	1,075	2,910	2,516	1,363	4,235	830	15,323	
Grand total	3,442,083	1,332,000	42,000	645,500	14,057	45,310	56,722	98,144	93,917	297,004	215,414	209,697	268,813	123,505	1,422,583	

TABLE V. — Sex and Age of Injured in Total Tabulatable Injuries, July 1, 1931, to June 30, 1932.

ACTUAL AGE.	Total Cases.	TOTAL MALES.				TOTAL FEMALES.					
		Total.	Deaths.	Per- manent Total Disa- bilities.	Per- manent Partial Disa- bilities.	Tempo- rary Total Disa- bilities.	Total.	Deaths.	Per- manent Total Disa- bilities.	Per- manent Partial Disa- bilities.	Tempo- rary Total Disa- bilities.
11	3	1	—	—	—	1	2	—	—	—	2
12	8	7	1	—	—	7	1	—	—	—	1
13	2	1	—	—	—	—	1	—	—	—	1
14	33	28	—	—	2	26	5	—	—	—	5
15	75	57	—	—	1	56	18	—	—	—	18
16	351	255	—	—	3	252	96	—	—	—	96
17	633	477	1	—	7	469	156	—	—	2	154
18	981	757	—	—	14	743	224	—	—	2	222
19	1,158	945	1	—	19	925	213	—	—	4	209
20	1,190	978	4	—	25	949	212	—	—	5	207
21	1,480	1,278	3	—	22	1,253	202	—	—	2	200
22	1,418	1,243	5	—	16	1,222	175	—	—	4	171
23	1,299	1,134	2	—	24	1,107	165	1	—	1	163
24	1,355	1,216	3	—	22	1,192	139	—	—	3	136
25	1,333	1,333	7	1	24	1,301	152	—	—	—	152
26	1,185	1,069	3	—	13	1,053	116	—	—	2	113
27	1,126	1,045	3	—	16	1,026	81	1	—	2	79
28	1,130	1,130	3	—	23	1,104	122	—	—	1	121
29	1,037	976	2	—	17	957	81	—	—	1	80
30	1,045	1,532	6	—	26	1,504	113	—	—	3	110
31	839	959	3	—	15	938	56	—	—	—	56
32	876	976	4	—	23	950	78	—	—	2	76
33	839	784	3	—	15	765	55	—	—	—	55
34	939	876	2	—	21	853	63	—	—	1	62
35	1,616	1,489	7	—	25	1,457	127	—	—	1	126
36	1,043	960	7	—	18	935	83	—	—	2	81
37	843	843	8	—	14	821	60	—	—	1	59
38	903	1,044	7	—	14	1,023	84	—	—	1	84
39	1,128	838	2	—	18	818	54	1	—	3	50
40	892	838	7	—	34	1,239	165	—	—	5	160
41	1,445	1,280	7	—	14	1,239	33	—	—	—	33
42	680	647	4	—	15	629	72	—	—	—	72
43	966	894	8	—	15	871	52	1	—	1	52
44	771	719	3	—	19	697	59	—	—	—	59
45	662	603	4	1	11	587	102	—	—	1	101
46	1,211	1,109	9	—	21	1,079	35	—	—	1	34
47	649	614	3	—	19	592	35	—	—	1	34
48	571	536	2	—	12	522	59	—	—	1	58
49	730	671	3	—	18	650	—	—	—	—	—

TABLE VI. — *Total Tabulatable Injuries, by Industries and Wage Groups, July 1, 1931, to June 30, 1932.*

INDUSTRIES.	NUMBER OF TABULATABLE INJURIES.														
	Under														
	\$10	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$17	\$18	\$19	\$20	\$21	\$22	
Agriculture, Forestry and Animal Husbandry.															
Agriculture	17	8	—	17	10	5	29	13	13	75	13	38	64	18	
Forestry	12	3	—	12	8	3	24	11	9	55	9	27	33	15	
Animal husbandry	2	2	—	2	1	1	1	2	1	9	—	6	16	1	
Ice harvesting	3	1	—	1	1	—	1	—	—	2	3	4	2	2	
	3	2	—	2	1	—	2	1	2	9	1	1	13	—	
Extraction of Minerals.															
Quarrying	3	1	—	1	—	2	4	5	1	6	4	12	4	6	
	3	1	—	1	—	2	4	5	1	6	4	12	4	6	
Building Trades.															
Hand trades	30	14	4	38	18	22	58	55	60	106	92	214	178	177	
	30	14	4	38	18	22	58	55	60	106	92	214	178	177	
Chemical and Allied Products.															
Fertilizers	5	5	2	11	15	5	15	13	3	19	4	20	15	17	
Paints, varnish and japanning	—	—	—	2	7	—	2	5	—	7	—	1	1	1	
Powder, cartridges, fireworks, etc., makers	—	—	—	2	1	1	3	—	—	3	1	2	4	1	
Soap makers	1	1	—	—	—	1	—	—	—	—	—	1	1	3	
Other chemical workers	2	—	—	—	—	—	4	4	2	3	1	6	5	2	
	2	4	2	7	7	3	6	4	1	6	1	10	5	11	
Clay, Glass and Stone Products.															
Brick makers	2	1	1	4	3	2	8	7	5	20	3	18	22	20	
Potteries	2	—	—	1	1	1	2	1	—	10	—	3	11	3	
Tile makers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Glass makers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Terra cotta workers	—	1	—	1	1	—	2	2	—	—	—	4	1	1	
Lime, cement and gypsum	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Marble and stone cutters	—	—	—	—	1	—	—	4	3	3	2	3	7	6	
Mica and isinglass	—	—	1	2	—	1	1	—	—	5	1	—	6	2	
	—	—	—	—	—	—	1	—	—	—	—	—	—	—	
Clothing.															
Clothing makers	88	35	8	26	15	18	45	12	9	26	6	29	8	18	
Corset makers	58	26	8	19	11	12	38	10	7	23	6	20	4	13	
Glove makers	2	2	—	1	2	—	2	—	1	1	—	2	1	—	
Hat makers, wool or felt	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Shirt, collar and cuff makers	2	—	—	3	2	2	3	1	1	2	—	6	3	5	
	26	7	—	3	—	2	2	1	—	—	—	1	—	—	
Food and Kindred Products.															
Bakeries, bread and other bakery products	39	29	36	53	49	32	95	42	39	111	56	151	90	101	
Butter and cheese makers	11	9	4	17	14	7	43	9	15	34	5	41	10	27	
Candy and confectionery	1	—	—	—	—	1	4	2	—	—	—	—	3	1	
Fish curers and packers	10	6	16	14	22	11	13	15	6	17	4	16	5	9	
Flour and grain mills	3	4	8	5	1	3	11	3	2	6	4	6	1	6	
Fruit and vegetable canners	3	2	1	—	—	—	—	—	—	—	—	—	—	—	
	3	2	1	3	1	—	2	1	—	3	—	5	—	2	

TABLE VI. — Total Tabulatable Injuries, by Industries and Wage Groups, etc. — Continued.

INDUSTRIES.	NUMBER OF TABULATABLE INJURIES.															
	Under \$10	\$10	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$17	\$18	\$19	\$20	\$21	\$22	
Printing and Bookbinding.																
Printing and bookbinding establishments	43	25	4	21	8	12	17	9	8	11	8	27	4	11		
	43	25	4	21	8	12	17	9	8	11	8	27	4	11		
Textiles.																
Carpet mills	115	85	75	154	103	129	192	188	163	175	148	175	117	137		
Cotton mills	3	4	—	3	3	1	6	3	7	7	4	3	3	2		
Dyeing and finishing textiles	63	43	31	66	49	50	66	66	52	57	51	46	35	42		
Hemp and jute mills	2	1	2	8	7	15	18	29	17	18	19	18	17	21		
Knitting mills	11	8	—	—	3	—	—	1	1	3	3	3	3	—		
Linen mills	—	8	10	21	4	6	17	6	5	9	4	8	5	4		
Print works	—	—	10	2	1	—	—	—	5	—	—	1	1	1		
Rope and cordage factories, twine	1	—	1	1	4	1	2	4	—	1	—	1	2	4		
Sail, awning and tent makers	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Silk mills	6	3	3	7	3	4	11	9	3	9	6	7	8	3		
Woolen mills, worsted mills	19	18	16	30	20	35	51	52	50	57	52	61	37	42		
Not specified textile workers	10	8	2	12	10	10	16	12	15	11	9	15	5	17		
Miscellaneous Industries.																
Broom and brush makers	69	47	22	84	51	74	82	78	46	113	59	127	68	143		
Button makers	—	2	—	—	1	—	1	1	5	—	—	2	—	2		
Cigars and cigarettes	—	5	—	—	—	1	2	1	1	—	—	2	—	—		
Electric light and power companies	—	1	1	1	1	1	1	1	1	2	2	2	5	13		
Electrical supplies, machinery, apparatus	12	13	6	16	7	27	13	15	12	25	12	26	16	26		
Gas works	—	—	—	1	—	—	—	—	—	1	7	3	9	17		
Oil works	—	—	—	2	1	—	1	1	1	5	1	6	6	7		
Rubber factories	22	11	8	26	21	28	26	32	12	41	24	46	15	48		
Straw factories	1	—	1	4	—	—	—	1	2	2	—	1	2	1		
Gas and electric companies	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Other miscellaneous industries	34	15	6	31	18	18	32	21	17	32	13	39	12	26		
Water Transportation.																
Water transportation	6	—	3	1	—	—	21	3	1	4	2	13	9	5		
	6	—	3	1	—	—	21	3	1	4	2	13	9	5		
Road, Street and Bridge Transportation.																
Construction of roads, streets, etc.	103	46	12	145	32	29	86	59	27	125	145	183	163	144		
Livery stables	76	33	12	120	26	20	49	42	17	53	101	92	123	100		
Truck, transfer, cab and hack companies, garages	21	13	—	20	3	6	34	11	6	63	12	74	28	32		
Street railways	—	—	—	1	3	3	—	2	—	5	7	4	3	2		
Steam railroads	5	—	—	4	3	3	3	4	4	3	25	12	8	9		
Express Companies.																
Express companies	4	1	—	1	1	—	7	1	1	6	7	5	3	2		
	4	1	—	1	1	—	7	1	1	6	7	5	3	2		

Telephone and Telegraph.													
Telephone and telegraph	20	2	—	1	—	3	5	1	6	4	6	2	3
Air transportation	20	2	—	1	—	3	5	1	6	4	6	2	3
Air Transportation.													
Air transportation	4	—	—	—	—	—	—	—	—	—	—	—	—
Other Persons in Transportation.													
Other persons in transportation	—	—	—	—	1	—	3	3	—	3	1	2	1
Trade.													
Banking and brokerage	293	139	55	287	77	173	361	171	119	417	71	506	184
Insurance	—	—	—	7	2	8	3	1	1	8	—	5	1
Real estate	3	1	—	1	—	3	4	1	2	2	—	4	2
Wholesale and retail trade	14	8	9	19	4	5	22	9	7	24	10	39	7
Elevators	269	127	46	255	70	156	321	155	105	374	56	437	165
Warehouses and cold storage plants	—	—	—	—	—	—	—	—	—	—	—	—	—
Other persons in trade	5	2	—	2	1	—	2	2	3	2	3	15	6
Clerical assistants, industry, business or profession not specified	2	1	—	2	1	1	7	3	1	6	—	3	1
Professional Service.													
Professional service	37	26	31	33	29	17	43	20	20	24	34	42	31
Domestic and Personal Service.													
Occupations not in industries	37	26	31	33	29	17	43	20	20	24	34	42	31
Laundry and laundry workers	115	80	47	130	58	105	196	83	82	150	86	218	95
Grand total	1,299	752	395	1,323	636	824	1,694	1,069	838	1,809	961	2,389	1,354

1,678

TABLE VI. — *Total Tabulatable Injuries, by Industries and Wage Groups, etc. — Continued.*

INDUSTRIES.		NUMBER OF TABULATABLE INJURIES.															\$35 and over.	Total.
		\$23	\$24	\$25	\$26	\$27	\$28	\$29	\$30	\$31	\$32	\$33	\$34					
Agriculture, Forestry and Animal Husbandry.																		
Agriculture		15	71	63	10	31	17	3	41	5	5	—	3	51	635	3	51	
Forestry		12	45	44	6	16	9	2	15	2	3	—	2	25	402	2	25	
Animal husbandry		3	8	11	2	11	4	1	15	2	2	—	1	19	123	1	19	
Ice harvesting		—	4	3	1	1	4	—	3	1	—	—	—	5	39	—	5	
Ice harvesting		—	14	5	1	3	—	—	8	—	—	—	—	2	71	—	2	
Extraction of Minerals.																		
Quarrying		3	6	12	4	12	21	—	20	3	1	—	1	41	173	1	41	
Quarrying		3	6	12	4	11	21	—	20	3	1	—	1	41	173	1	41	
Building Trades.																		
Hand trades		35	372	273	77	236	148	19	514	46	187	85	46	1,807	4,911	46	1,807	
Hand trades		35	372	273	77	236	148	19	514	46	187	85	46	1,807	4,911	46	1,807	
Chemical and Allied Products.																		
Fertilizers		10	16	26	12	17	11	4	8	8	5	6	—	53	325	—	53	
Paints, varnish and japanning		2	3	1	1	3	—	—	1	3	—	1	—	7	3	—	7	
Powder, cartridges, fireworks, etc., makers		3	4	5	3	2	3	1	2	2	1	—	—	7	51	—	7	
Soap makers		—	1	1	—	—	1	—	—	1	—	—	—	4	16	—	4	
Other chemical workers		2	2	9	2	4	3	1	—	3	1	2	—	7	65	—	7	
Other chemical workers		3	6	10	6	8	4	2	5	2	3	3	—	32	153	—	32	
Clay, Glass and Stone Products.																		
Brick makers		4	32	23	9	23	14	2	54	5	11	8	5	131	437	5	131	
Potteries		—	9	3	—	1	2	—	3	2	2	—	—	5	62	—	5	
Tile makers		—	—	—	—	—	—	—	1	—	—	—	—	—	2	—	—	
Glass makers		2	1	—	1	—	—	—	4	—	—	1	1	7	25	—	7	
Terra cotta workers		—	—	—	—	—	1	—	3	1	1	1	2	19	41	—	19	
Lime, cement and gypsum		—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	1	
Marble and stone cutters		1	13	12	3	12	5	1	14	—	2	1	1	8	102	1	8	
Mica and isinglass		1	9	8	5	10	6	1	29	2	6	5	1	91	200	1	91	
Mica and isinglass		—	—	—	—	—	—	—	—	—	—	—	—	—	4	—	—	
Clothing.																		
Clothing makers		9	8	34	3	6	3	4	17	1	4	6	3	64	505	3	64	
Corset makers		4	6	32	1	6	3	4	15	1	4	5	—	55	391	—	55	
Glove makers		—	—	—	1	—	—	—	—	—	—	—	—	1	18	—	1	
Hat makers, wool or felt		—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	1	
Shirt, collar and cuff makers		5	2	2	1	—	—	—	2	—	—	1	2	5	50	—	5	
Shirt, collar and cuff makers		—	—	—	—	—	—	—	—	—	—	—	—	3	45	—	3	
Food and Kindred Products.																		
Bakeries, bread and other bakery products		50	99	168	41	90	65	24	146	16	37	15	18	226	1,918	18	226	
Butter and cheese makers		12	26	56	14	28	21	5	61	5	15	4	5	100	598	5	100	
Candy and confectionery		3	4	8	2	4	4	1	11	—	4	3	2	9	72	—	9	
Fish curers and packers		3	12	14	5	7	4	3	5	2	4	2	2	14	247	2	14	
Flour and grain mills		3	4	26	1	11	5	2	16	1	2	—	1	22	157	1	22	
Flour and grain mills		—	—	—	—	—	—	—	—	—	—	—	—	—	2	—	—	
Fruit and vegetable canners		1	5	2	—	1	—	—	1	—	—	—	—	1	—	—	1	
Fruit and vegetable canners		—	—	—	—	—	—	—	—	—	—	—	—	—	36	—	—	

TABLE VI. — *Total Tabulatable Injuries, by Industries and Wage Groups, etc. — Concluded.*

INDUSTRIES.	NUMBER OF TABULATABLE INJURIES.												Total.
	\$23	\$24	\$25	\$26	\$27	\$28	\$29	\$30	\$31	\$32	\$33	\$34	\$35 and over.
Printing and Bookbinding.													
Printing and bookbinding establishments	14	8	30	10	14	14	4	29	4	7	3	6	612
	14	8	30	10	14	14	4	29	4	7	3	6	261
Textiles.													
Carpet mills	80	95	130	62	81	68	29	72	23	33	24	17	2,826
Cotton mills	—	—	3	—	—	2	1	—	—	—	—	—	3
Dyeing and finishing textiles	31	26	28	19	14	21	11	7	3	6	7	3	918
Hemp and jute mills	6	11	8	9	9	5	4	7	2	3	5	1	279
Knitting mills	1	—	1	1	3	—	—	—	—	—	—	—	20
Linen mills	1	1	4	2	2	3	—	3	1	2	—	1	154
Print works	3	1	—	—	1	1	—	—	—	—	—	—	1
Rope and cordage factories, twine	2	3	2	2	1	1	—	2	2	1	1	—	28
Sail, awning and tent makers	—	—	—	2	1	1	—	—	—	—	—	—	66
Silk mills	—	2	1	—	2	—	—	6	—	—	—	—	23
Woollen mills, worsted mills	3	4	14	4	3	4	1	3	2	—	1	1	20
Not specified textile workers	25	35	61	17	40	22	12	38	10	15	8	6	129
	8	10	8	7	8	9	—	5	2	3	2	3	892
													17
													234
Miscellaneous Industries.													
Broom and brush makers	60	149	203	72	131	102	53	168	48	73	60	25	454
Button makers	—	—	2	—	—	1	—	—	—	1	—	—	3
Cigars and cigarettes	—	—	—	—	—	—	—	—	—	—	—	—	9
Electric light and power companies	—	—	1	—	2	—	—	—	—	—	—	—	3
Electrical supplies, machinery, apparatus	8	18	17	9	18	10	11	15	10	8	22	3	282
Gas works	12	22	29	17	13	11	11	26	2	12	9	6	525
Oil works	4	31	11	10	17	22	6	13	15	10	7	9	246
Rubber factories	6	18	52	7	21	26	10	41	7	13	7	5	35
Straw factories	12	29	37	19	37	8	3	25	7	12	4	1	279
Gas and electric companies	—	—	1	—	1	—	—	—	—	—	—	—	17
Other miscellaneous industries	1	16	9	1	4	7	7	11	1	8	4	1	28
	17	15	44	9	18	17	5	37	6	9	7	—	103
													580
Water Transportation.													
Water transportation	2	35	7	14	151	7	2	15	2	3	—	—	54
	2	35	7	14	151	7	2	15	2	3	—	—	360
Road, Street and Bridge Transportation.													
Construction of roads, streets, etc.	38	613	380	154	330	271	71	993	173	177	134	80	5,923
Livery stables	15	498	130	116	166	177	38	569	116	45	77	22	3,262
Truck, transfer, cab and hack companies	3	1	2	—	1	—	—	1	—	—	—	—	1
Street railways	11	87	207	25	139	48	10	396	23	93	27	34	1,787
Steam railroads	1	10	13	5	15	38	16	21	27	24	22	15	238
	8	17	28	7	9	8	7	6	7	15	7	9	178
Express Companies.													
Express companies	1	10	17	7	12	9	6	45	27	12	29	38	316
	1	10	17	7	12	9	6	45	27	12	29	38	316

Telephone and Telegraph.																
Telephone and telegraph	10	8	6	2	2	2	2	3	2	2	2	2	3	3	32	127
	10	8	6	2	2	2	2	3	2	2	2	2	3	3	32	127
Air Transportation.																
Air transportation	1	—	—	—	—	—	—	—	—	—	—	—	1	1	—	6
	1	—	—	—	—	—	—	—	—	—	—	—	1	1	—	6
Other Persons in Transportation.																
Other persons in transportation	3	17	10	3	19	9	5	5	33	6	1	10	4	137	4	137
	3	17	10	3	19	9	5	5	33	6	1	10	4	137	4	137
Trade.																
Banking and brokerage	155	373	849	128	313	386	91	796	106	180	176	66	1,383	8,174	66	1,383
Insurance	4	3	15	3	5	2	2	5	1	5	3	—	24	110	—	24
Real estate	1	1	5	2	2	4	—	6	2	3	6	5	56	122	5	56
Wholesale and retail trade	12	27	46	2	17	13	2	40	2	5	3	2	58	424	2	58
Elevators	129	331	747	116	274	359	84	718	99	162	161	55	1,191	7,234	55	1,191
Warehouses and cold storage plants	—	—	3	1	—	—	—	1	—	—	—	—	29	36	1	29
Other persons in trade	8	7	25	2	12	2	3	19	2	5	1	3	11	163	3	11
Clerical assistants, industry, business or profession not specified	1	1	3	7	2	3	6	7	—	—	—	—	12	73	—	12
	1	1	1	—	—	—	—	—	—	—	—	—	2	12	—	2
Professional Service.																
Professional service	36	24	44	19	25	22	11	43	9	14	13	4	87	779	4	87
	36	24	44	19	25	22	11	43	9	14	13	4	87	779	4	87
Domestic and Personal Service.																
Occupations not in industries	59	104	199	46	67	70	20	176	20	36	19	8	291	2,669	8	291
Laundry and laundry workers	54	100	158	45	55	62	19	136	18	31	16	7	234	2,211	7	234
	5	4	41	1	12	8	1	40	2	5	3	1	57	458	1	57
Grand total	815	2,416	3,088	893	1,852	1,475	459	3,739	615	964	693	406	7,631	42,067	406	7,631

Anus, perineum or rectum	1	847	8,550	125	1,333	1,552	1,079	677	441	17,041
External generative organs	34	—	—	1	18	—	—	—	—	11
Side or sides	292	—	—	2	53	—	—	—	—	92
Hernia	—	8	14	66	17	—	—	—	—	1,005
Sacro iliac joint	—	—	—	—	—	551	—	—	—	1,142
Buttocks	20	3	11	—	1	1,142	—	—	—	1,142
	—	—	—	—	—	77	4	—	—	85
	—	—	—	—	—	—	—	—	—	38
Upper Extremities.										
Scapula	2,437	—	—	—	—	—	—	—	—	—
Clavicle	—	—	—	—	—	—	—	—	—	—
Shoulder joint	—	—	—	—	—	—	—	—	—	—
Shoulder	189	5	21	—	—	—	—	—	—	—
Both shoulders	6	2	—	—	—	490	129	—	—	834
Humerus	—	—	—	—	—	8	3	—	—	19
Upper arm	12	3	—	—	24	—	—	—	—	24
Elbow	192	8	82	—	—	9	6	—	—	24
Olecranon	—	—	—	11	47	42	69	—	2	395
Radius	—	—	—	2	78	—	—	—	—	58
Ulna	—	—	—	2	16	—	—	—	—	79
Radius and ulna	—	—	—	—	110	—	—	—	—	18
Forearm	61	54	177	—	—	29	18	—	7	110
Wrist	73	35	250	—	—	477	89	1	347	347
Both wrists	2	4	2	—	1	3	2	—	2	926
Carpus	—	—	—	8	262	—	—	—	5	19
Arm, general	156	120	308	—	—	182	120	4	18	270
Both arms, or one hand and one arm	25	85	34	—	5	—	18	—	99	908
Arm and leg	77	22	20	—	3	25	30	—	17	275
Hand, general	411	242	1,437	—	—	134	162	12	49	194
Both hands	17	69	34	—	—	—	—	—	191	2,447
Hand and foot	9	—	5	—	1	—	19	1	—	331
Palm	27	14	445	—	—	—	62	—	2	28
Back of hand	93	20	248	—	—	5	15	—	2	550
One metacarpal	—	—	—	6	109	—	—	—	2	383
Two or more metacarpals	—	—	—	1	7	—	—	—	—	115
Thumb	238	20	1,381	16	120	85	78	—	—	8
Index finger	237	22	1,451	3	102	10	56	76	6	2,020
Middle finger	228	13	909	1	108	17	63	182	4	2,067
Ring finger	107	9	480	2	92	9	42	145	4	1,488
Little finger	98	6	492	2	104	6	29	65	2	812
Thumb and one finger	9	11	62	2	—	2	29	87	6	826
Thumb and two or more fingers	—	—	—	—	—	—	—	—	—	—
Two fingers	3	5	11	—	2	2	2	8	3	96
Three fingers	71	22	305	1	33	5	14	5	3	31
Four fingers	20	16	92	—	9	2	17	58	3	512
One finger, not specified	13	20	36	—	9	2	8	22	4	172
Index finger on each hand	60	5	243	2	10	2	28	9	2	90
Two or more fingers on both hands	1	—	—	—	—	—	—	—	2	352
Both thumbs	2	5	4	—	—	—	4	2	5	22
One finger on each hand	1	1	6	—	—	1	1	—	1	9
	—	—	2	—	—	—	—	—	—	5

TABLE VII. — Location of Injury by Nature of Injury, Total Tabulatable Injuries, etc. — Concluded.

LOCATION OF INJURY.	NATURE OF INJURY.											
	Bruises, Contusions and Abrasions.	Burns and Scalds.	Concussions.	Cuts, Punctures and Lacerations.	Dislocations.	Fractures.	Sprains and Strains.	All Other.	Amputations and Loss of Use.	Shocks (Electrical).	Occupational.	Total.
Lower Extremities.												
Hip joint	3,523	282	—	2,251	43	1,410	2,650	941	30	—	27	11,157
Femur	—	—	—	—	6	23	—	—	—	—	—	29
Hip	139	3	—	12	—	29	85	35	—	—	—	274
Both hips	5	—	—	—	—	—	—	—	—	—	—	8
Upper leg	71	2	—	76	—	—	25	11	—	—	—	185
Patella	—	—	—	—	24	54	—	—	—	—	—	78
Knee	515	2	—	172	—	—	512	329	—	—	—	1,530
Metatarsals	—	—	—	—	7	294	—	—	—	—	—	301
Both knees	—	—	—	6	—	1	4	10	—	—	—	48
Tibia	27	—	—	—	—	34	—	—	—	—	—	34
Fibula	—	—	—	—	—	47	—	—	—	—	—	47
Tibia and fibula	—	—	—	—	—	149	—	—	—	—	—	149
Lower leg	320	18	—	196	—	—	47	46	1	—	1	629
Leg, general	427	41	—	223	—	1	253	132	8	—	1	1,086
Both legs or one leg and one foot	75	31	—	15	—	10	12	19	1	—	13	176
Ankle	220	21	—	91	—	—	1,394	78	—	—	—	1,804
Tarsus	—	—	—	—	2	156	—	—	—	—	—	158
Both ankles	5	1	—	1	—	1	8	1	—	—	1	18
Instep	115	10	—	36	—	—	31	6	—	—	—	198
Heel	63	1	—	39	—	—	10	12	—	—	2	127
Oscalsis	—	—	—	—	—	44	—	—	—	—	—	44
Both heels	6	—	—	—	—	1	2	2	—	—	—	11
Foot	800	123	—	1,153	—	—	240	168	2	—	4	2,490
Both feet	15	21	—	1	—	1	10	11	—	—	5	64
Great toe	439	3	—	146	1	344	10	44	4	—	—	991
Lesser toe	78	2	—	35	1	99	3	13	8	—	—	239
One toe not specified	77	—	—	24	1	51	4	6	—	—	—	163
Great toe and lesser toe or toes	56	—	—	6	—	26	—	6	5	—	—	99
Two or more lesser toes	70	3	—	19	1	44	—	9	1	—	—	147
Two great toes and lesser toe or toes	—	—	—	—	—	1	—	—	—	—	—	1
Body.												
Body, general	260	53	—	37	—	—	46	449	—	21	348	1,214
Constitutional	—	—	—	37	—	—	46	417	—	21	157	991
								32	—	—	191	223
Total	7,847	1,670	55	12,182	179	3,377	11,021	3,992	775	21	948	42,067

TABLE VIII. — Location and Nature of Disability, by Extent of Disability, July 1, 1931, to June 30, 1932.

LOCATION AND NATURE OF INJURY.	Total. Deaths.	Per- manent Total Disa- bilities.	NUMBER OF CASES.											
			TEMPORARY DISABILITIES.											
			1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 52 Weeks.	Total.	
BRUISES, CONTUSIONS AND ABRASIONS.														
Head.														
Eye	7,847	7	2	1,333	1,727	1,033	1,041	725	1,286	363	203	106	21	7,838
Both eyes	367	—	—	98	96	43	33	20	38	21	8	8	2	367
External ear or ears	157	—	—	48	50	22	14	5	9	6	2	1	—	157
Scalp	3	—	—	—	—	—	—	1	—	—	1	—	1	3
Head, general	45	—	—	1	2	—	—	2	—	—	—	5	—	45
Head and shoulders	125	—	—	13	12	3	4	3	3	4	1	1	1	125
Face and neck	32	—	—	32	26	16	11	7	21	4	4	4	—	32
Face and neck.	176	—	—	54	48	22	21	12	13	3	2	1	—	176
Forehead	32	—	—	7	15	1	7	1	1	—	—	—	—	32
Eyelids	3	—	—	—	3	—	—	—	—	—	—	—	—	3
Nose	34	—	—	15	6	5	3	1	2	2	—	—	—	34
Cheek	9	—	—	2	2	3	1	—	1	—	—	—	—	9
Lips and chin	12	—	—	5	3	—	4	—	—	—	—	—	—	12
Face, general	57	—	—	17	10	11	3	8	5	1	2	—	—	57
Neck	14	—	—	3	6	1	2	—	2	—	—	—	—	14
Face and hands or arms	15	—	—	5	3	1	1	2	2	—	—	1	—	15
Trunk.														
Back	1,084	1	—	136	198	145	145	112	216	55	45	27	4	1,083
Thorax	421	—	—	48	61	50	45	43	94	30	28	20	4	421
Abdomen	215	—	—	20	45	31	38	20	46	8	4	3	—	215
Groin	62	—	—	12	12	11	6	5	10	4	2	—	—	62
Anus, perineum or rectum	39	—	—	4	8	5	8	5	5	1	3	—	—	39
External generative organs	1	—	—	—	1	—	—	—	—	—	—	—	—	1
Side or sides	34	—	—	7	7	2	5	5	6	2	—	—	—	34
Buttocks	292	1	—	44	62	41	39	32	53	10	7	3	—	291
Upper Extremities.	20	—	—	3	2	5	4	2	2	—	1	1	—	20
Shoulder	2,437	2	—	446	511	304	355	246	382	105	51	32	2	2,434
Both shoulders	189	—	—	27	32	26	23	14	38	13	4	12	—	189
Upper arm	6	—	—	—	4	—	1	1	3	—	—	—	—	6
Elbow	12	—	—	—	—	1	1	—	—	—	2	—	—	12
Forearm	192	—	—	27	40	17	24	26	40	10	6	2	—	192
Wrist	61	—	—	13	13	12	8	7	6	2	2	1	—	61
Both wrists	73	—	—	14	13	13	12	7	7	3	2	1	—	72
Arm, general	2	—	—	1	—	—	—	—	1	—	—	—	—	2
Both arms, or one arm and one hand	156	—	—	24	40	22	19	14	22	5	5	4	—	155
Arm and leg	25	—	—	7	7	4	3	2	2	—	—	—	—	25
	77	—	—	11	15	10	15	10	11	3	1	1	—	77

TABLE VIII. — Location and Nature of Injury, by Extent of Disability, etc. — Continued.

LOCATION AND NATURE OF INJURY.	Total. Deaths.	Per- manent Total Partial Disa- bilities.	NUMBER OF CASES.											Over 52 1 Total.	
			TEMPORARY DISABILITIES.												
			1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	52 to 1 Year.			
BRUISES, CONTUSIONS AND ABRASIONS.—Con.															
Upper Extremities.—Con.															
Hand, general	411	1	76	87	62	66	39	52	18	8	1	1	410		
Both hands	17	—	4	2	3	2	1	3	1	1	—	—	17		
Hand and foot	7	—	3	2	—	—	1	1	—	—	—	—	7		
Palm	27	—	5	10	2	3	2	3	—	—	1	—	27		
Back of hand	93	—	20	14	7	15	11	19	4	3	—	—	93		
Thumb	238	—	53	54	32	37	15	29	11	2	5	—	238		
Index finger	237	—	40	48	26	37	31	42	9	3	1	—	237		
Middle finger	228	—	45	51	27	26	25	40	8	3	2	—	228		
Ring finger	107	—	17	17	11	18	12	22	6	4	—	1	107		
Little finger	98	—	20	17	6	20	13	17	2	3	—	—	98		
Thumb and one finger	9	—	1	1	1	2	—	2	1	1	—	—	9		
Thumb and two or more fingers	3	—	—	—	—	—	—	—	—	—	—	—	3		
Two fingers	71	—	12	15	10	11	6	12	4	1	—	—	71		
Three fingers	20	—	6	3	4	2	2	3	1	1	—	—	20		
Four fingers	13	—	2	4	—	3	—	—	3	1	—	—	13		
One finger, not specified	60	—	18	19	7	4	4	4	2	1	1	—	60		
Index finger on each hand	1	—	—	1	—	—	—	—	—	—	—	—	1		
Two or more fingers on both hands	2	—	—	—	1	—	—	1	—	—	—	—	2		
Both thumbs	1	—	—	—	—	—	—	—	—	—	—	—	1		
One finger on each hand	1	—	—	—	—	—	1	—	—	—	—	—	1		
Lower Extremities.															
Hip	3,523	4	572	827	485	450	316	581	163	88	25	11	3,518		
Both hips	139	1	21	38	21	13	12	24	5	2	2	—	138		
Upper leg	5	—	—	—	2	—	2	—	1	—	—	—	5		
Knee	71	—	16	10	8	8	7	9	5	6	1	1	71		
Both knees	515	—	77	111	75	62	51	83	35	18	1	2	515		
Lower leg	27	—	2	10	4	4	2	3	1	—	—	—	27		
Leg, general	320	—	37	61	33	44	43	59	20	14	6	2	319		
Both legs	427	—	69	93	45	53	43	85	19	15	5	—	427		
Ankle	75	—	4	16	6	8	9	20	7	4	—	1	75		
Both ankles	220	1	40	63	25	21	15	36	10	9	—	—	219		
Both heels	5	—	—	2	1	—	—	—	—	—	—	—	5		
Foot	6	—	—	2	2	1	1	—	—	—	—	—	6		
Both feet	800	1	144	192	126	102	53	129	30	13	7	3	799		
Great toe	15	—	—	4	2	2	1	2	2	2	—	—	15		
Lesser toe	439	1	71	105	64	73	39	66	17	1	1	1	438		
One toe, not specified	78	—	18	19	16	9	4	10	2	2	—	—	78		
Great toe and lesser toes or toe	77	—	18	30	7	8	7	7	1	2	—	—	77		
Two or more lesser toes	56	—	4	12	6	12	9	8	4	1	—	—	56		
Two or more lesser toes	70	—	11	18	12	9	3	17	—	—	—	—	70		

TABLE VIII. — *Location and Nature of Injury, by Extent of Disability, etc.* — Continued.

LOCATION AND NATURE OF INJURY.	Total. Deaths.	Per- manent Total Partial Disa- bilities.	NUMBER OF CASES.										
			TEMPORARY DISABILITIES.										
			1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 1 Year.	
BURNS AND SCALDS.—Con.													
Upper Extremities.—Con.													
Ring finger.	—	—	1	2	1	3	1	1	—	—	—	—	9
Little finger	—	—	1	2	—	1	1	1	—	—	—	—	6
Thumb and one finger	—	—	2	3	2	—	2	1	—	1	—	—	11
Thumb and two or more fingers	—	—	1	2	—	1	1	1	—	—	—	—	5
Two fingers	—	—	3	4	6	1	2	2	1	—	—	—	22
Three fingers	—	—	3	2	1	4	4	—	2	—	—	—	16
Four fingers	—	—	2	6	2	4	2	3	—	1	—	—	20
One finger, not specified	—	—	1	2	2	—	—	—	—	—	—	—	5
Two or more fingers on both hands	—	—	1	—	1	3	—	—	—	—	—	—	5
One finger on each hand	—	—	—	—	—	—	1	—	—	—	—	—	1
Lower Extremities.													
Hip	282	—	23	39	43	40	32	70	22	8	4	1	282
Upper leg	3	—	—	—	—	—	1	1	1	—	—	—	3
Knee	2	—	1	—	1	—	—	—	—	—	—	—	2
Lower leg	18	—	—	—	4	3	1	1	1	—	—	—	18
Leg, general	41	—	3	8	10	6	1	11	4	2	1	—	41
Both legs	31	—	—	1	4	4	2	12	2	5	1	—	31
Ankle	21	—	2	2	5	3	4	4	—	—	—	—	21
Both ankles	1	—	—	—	—	—	—	1	—	—	—	—	1
Instep	10	—	3	2	2	—	2	1	—	—	—	—	10
Heel	1	—	—	—	—	—	—	1	—	—	—	—	1
Foot	123	—	13	19	13	16	17	30	13	1	1	—	123
Both feet	21	—	—	2	4	7	3	3	1	—	—	—	21
Great toe	3	—	1	—	—	—	—	2	—	—	—	—	3
Lesser toe	2	—	—	1	—	1	—	—	—	—	—	—	2
Two or more lesser toes	3	—	—	—	—	—	—	3	—	—	—	—	3
Body.													
Body, general	53	12	4	7	2	7	2	9	1	3	4	2	41
	53	12	4	7	2	7	2	9	1	3	4	2	41
CONCUSSIONS.													
Head.													
Brain	55	2	1	3	4	3	4	15	6	2	10	4	52
	55	2	1	3	4	3	4	15	6	2	10	4	52
	55	2	1	3	4	3	4	15	6	2	10	4	52

CUTS, PUNCTURES AND LACERATIONS, 12,182

Head,		19	3	2,293	2,714	1,757	1,778	1,079	1,743	452	211	109	24	12,160
Eye		809	1	195	235	109	79	37	78	36	20	14	4	807
Both eyes		350	-	106	102	47	47	15	27	15	7	1	-	350
External ear		2	-	-	-	-	-	-	-	-	-	-	-	2
Scalp		15	-	1	6	4	2	-	1	1	-	-	-	15
Head, general		316	-	62	88	41	37	13	36	14	10	10	4	315
Head and shoulders		122	-	25	38	17	10	-	13	5	2	2	-	121
Face and Neck,		470	-	140	117	79	45	28	41	11	6	2	1	470
Forehead		166	-	60	37	23	15	8	14	8	1	-	-	166
Eyelids		20	-	10	4	3	3	-	-	-	-	-	-	20
Nose		42	-	14	10	4	3	2	6	1	1	1	-	42
Cheek		24	-	8	8	-	2	2	3	-	-	-	1	24
Tongue		2	-	2	-	-	-	-	-	-	-	-	-	2
Lips and chin		74	-	25	24	14	4	2	3	1	1	-	-	74
Face, general		117	-	18	27	30	15	8	15	-	3	1	-	117
Neck		11	-	2	2	1	2	4	-	-	-	-	-	11
Throat		1	-	-	-	3	1	-	-	-	-	-	-	1
Face and hands of arms		13	-	1	5	-	-	2	-	1	-	-	-	13
Trunk,		65	-	14	11	5	13	11	6	1	1	1	-	63
Back		9	-	3	2	-	-	1	2	-	-	-	-	9
Thorax		10	-	3	-	1	3	1	-	-	-	1	-	9
Abdomen		12	-	1	4	2	2	3	-	-	-	-	-	12
Groin		3	-	1	-	-	1	-	-	-	-	-	-	2
Arms, perineum or rectum		4	-	1	2	-	-	-	1	-	-	-	-	4
External generative organs		2	-	-	-	1	-	-	-	1	-	-	-	2
Side or sides		14	-	2	3	-	4	5	-	-	-	-	-	14
Buttocks		11	-	3	-	1	2	1	3	-	1	-	-	11
Upper Extremities.		8,550	1	1,459	1,777	1,234	1,318	841	1,336	331	155	72	14	8,537
Shoulder		21	-	5	4	3	3	1	3	2	-	-	-	21
Upper arm		12	-	1	4	3	3	-	-	-	-	-	-	12
Elbow		82	-	15	11	15	14	14	8	5	-	-	-	82
Forearm		177	-	30	36	35	29	17	19	4	3	2	2	177
Wrist		250	-	54	67	34	37	19	26	6	3	2	2	250
Both Wrists		2	-	-	1	-	1	-	-	-	-	-	-	2
Arm, general		308	-	59	68	51	48	36	30	7	4	3	2	308
Both arms, or one hand and one arm		34	-	3	7	8	3	-	8	-	4	1	1	34
Arm and leg		20	-	2	6	3	2	-	4	1	2	-	-	20
Hand, general		1,437	-	257	315	239	247	129	176	40	18	11	3	1,435
Both hands		34	-	2	6	7	3	-	9	-	4	1	-	34
Hand and foot		5	-	-	3	-	1	-	-	-	-	-	-	5
Palm		445	-	87	108	68	80	38	43	11	6	4	-	445
Back of hand		248	-	27	55	38	42	24	41	14	3	4	-	248
Thumb		1,381	-	247	288	174	211	130	223	64	29	12	1	1,379
Index finger		1,451	-	221	307	174	215	144	248	52	20	11	1	1,446
Middle finger		909	-	147	151	118	133	113	175	52	11	6	1	907
Ring finger		480	-	88	90	60	67	62	74	19	15	5	1	480
Little finger		492	-	99	112	69	74	37	72	19	5	3	1	491
Thumb and one finger		62	-	11	9	8	14	5	9	4	2	-	-	62
Thumb and two fingers		11	-	3	1	2	-	2	3	-	-	-	-	11

TABLE VIII. — *Location and Nature of Injury, by Extent of Disability, etc. — Continued.*

LOCATION AND NATURE OF INJURY.	Per- manent Total Dis- abilities.	NUMBER OF CASES.										Over 1 Year.
		TEMPORARY DISABILITIES.										
		1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Total.	
CUTS, PUNCTURES AND LACERATIONS.—Con.												
Upper Extremities.—Con.												
Two fingers	305	34	53	41	44	33	83	6	8	3	305	
Three fingers	92	3	15	7	9	12	28	10	4	4	92	
Four fingers	36	4	3	1	6	5	8	6	3	—	36	
One finger, not specified	243	59	56	33	30	16	42	4	2	—	242	
Index finger on each hand	1	—	—	—	—	1	—	—	—	—	1	
Two or more fingers on both hands	4	—	1	—	—	—	1	2	—	—	4	
Both thumbs	6	1	—	—	1	1	1	2	—	—	6	
One finger on each hand	2	—	—	—	—	1	1	—	—	—	2	
Lower Extremities.												
Hip	2,251	483	564	325	318	159	275	71	27	20	2,247	5
Upper leg	12	4	2	—	2	1	2	1	1	—	12	
Knee	76	14	16	14	12	8	7	2	1	2	76	
Both knees	172	35	33	27	26	15	21	8	2	3	172	2
Lower leg	6	3	1	—	—	—	—	—	2	—	6	
Leg, general	196	25	36	26	37	20	30	15	5	2	196	
Both legs	223	43	62	26	24	16	38	6	3	4	223	1
Ankle	15	1	5	5	2	1	2	1	—	—	13	
Both ankles	91	16	16	13	16	8	13	8	1	1	91	
Both ancles	1	—	—	—	—	—	—	—	1	—	1	
Instep	36	11	8	5	—	2	7	3	—	—	36	
Heel	39	10	6	5	8	3	4	2	1	—	39	
Foot	1,153	286	341	168	150	65	105	21	7	6	1,151	2
Both feet	1	—	—	—	—	—	1	—	—	—	1	
Great toe	146	16	33	27	26	15	24	2	2	1	146	
Lesser toe	35	8	6	1	9	2	7	1	1	—	35	
One toe, not specified	24	7	2	5	4	1	4	1	1	—	24	
Great toe and lesser toes or toe	6	1	—	—	—	—	4	1	1	—	6	
Two or more lesser toes	19	3	2	3	2	2	6	—	1	—	19	
Body.												
Body, general	37	2	10	5	5	3	7	2	2	—	36	
	37	2	10	5	5	3	7	2	2	—	36	
DISLOCATIONS.												
Trunk.												
Vertebrae	179	8	15	9	16	18	59	21	16	14	179	3
Sacro-iliac joint	11	1	2	1	—	1	3	2	—	1	11	
Ribs	1	—	—	—	—	—	1	1	—	—	1	

[illegible]

Upper Extremities.

Upper Extremities.		
Shoulder	8	1,550
Both shoulders	9	490
Upper arm	42	
Elbow	29	
Forearm	477	
Wrist	3	
Both wrists	182	
Arm, general	9	
Both arms, or one hand and one arm	25	
Arm and leg	134	
Hand, general	5	
Back of hand	85	
Thumb	10	
Index finger	17	
Middle finger	9	
Ring finger	6	
Little finger	2	
Thumb and one finger	5	
Two fingers	2	
Three fingers	2	
One finger, not specified	2	
Both Thumbs	1	

TABLE VIII. — *Location and Nature of Injury, by Extent of Disability, etc. — Continued.*

LOCATION AND NATURE OF INJURY.	Total Deaths.	Per- manent Total Disa- bilities.	Per- manent Partial Disa- bilities.	NUMBER OF CASES.											
				TEMPORARY DISABILITIES.											
				1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 1 Year.	Total.	
SPRAINS AND STRAINS.—Con.															
Lower Extremities.															
Hip	2,650	—	1	335	700	375	343	207	413	145	74	44	13	2,649	
Upper leg	85	—	—	10	17	11	15	8	9	9	1	2	3	85	
Knee	25	—	—	6	4	3	2	1	6	2	1	—	—	25	
Both knees	512	—	1	48	85	61	57	54	108	43	30	21	4	511	
Both legs	4	—	—	—	1	—	1	—	1	1	—	—	—	4	
Lower leg	12	—	—	1	5	1	1	1	2	1	—	—	—	12	
Leg, general	47	—	—	3	11	8	7	3	10	3	2	—	—	47	
Ankle	253	—	—	28	68	22	30	18	47	25	5	9	1	253	
Both ankles	1,394	—	—	178	413	228	195	95	191	53	31	6	4	1,394	
Instep	8	—	—	2	1	1	—	—	3	—	—	—	—	8	
Heel	31	—	—	8	13	3	2	1	2	—	2	1	—	31	
Both heels	10	—	—	1	3	—	1	—	1	—	—	1	—	10	
Foot	2	—	—	1	1	—	—	—	—	—	—	—	—	2	
Both feet	240	—	—	46	69	33	31	21	29	7	2	2	—	240	
Great toe	10	—	—	1	2	1	1	1	2	—	—	—	—	10	
Lesser toe	3	—	—	1	4	3	—	—	1	—	—	—	—	3	
One toe, not specified	4	—	—	1	2	—	—	1	—	1	—	—	—	4	
Body, general	46	1	—	5	14	8	4	4	4	4	1	—	1	45	
ALL OTHER.															
Head.															
Eye	3,992	71	2	597	843	404	474	386	668	250	166	91	29	3,908	
Both eyes	781	2	—	219	218	80	81	48	80	23	14	13	—	776	
Internal ear	580	—	2	179	170	59	59	37	51	10	7	6	—	578	
Internal ear or ears	4	—	—	25	29	7	10	6	4	—	—	—	—	4	
External ear or ears	8	—	—	1	1	—	1	—	2	1	—	—	—	8	
Scalp	4	—	—	4	3	—	2	—	1	—	—	—	—	4	
Head, general	92	2	—	8	14	13	8	5	20	10	6	5	—	89	
Head and shoulders	7	—	1	1	1	—	—	—	1	2	1	1	—	7	
Face and Neck.															
Forehead	92	—	—	17	32	16	9	9	5	2	1	1	—	92	
Eyelids	3	—	—	1	—	—	—	—	—	—	—	—	—	3	
Nose	11	—	—	1	3	1	—	3	1	—	—	1	—	11	
Cheek	3	—	—	2	3	1	—	—	—	—	—	—	—	3	
Teeth	24	—	—	8	7	5	4	—	—	—	—	—	—	24	

TABLE VIII. — *Location and Nature of Injury, by Extent of Disability, etc.* — Continued.

[illegible]

TABLE VIII. — *Location and Nature of Injury, by Extent of Disability, etc. — Concluded.*

LOCATION AND NATURE OF INJURY.	Per- manent Total Deaths.	Per- manent Partial Disa- bilities.	NUMBER OF CASES.											Over 1 Year.
			TEMPORARY DISABILITIES.											
			1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	52 Weeks.		
OCCUPATIONAL.—Con.														
Upper Extremities.—Con.														
Both arms, or one hand and one arm	99	—	3	13	11	16	11	24	11	1	8	1	99	
Arm and leg	17	—	2	3	3	3	4	2	—	—	—	—	17	
Hand, general	49	—	3	2	7	7	8	8	8	2	4	—	49	
Both hands	191	—	8	21	19	12	25	52	21	17	16	—	191	
Hand and foot	2	—	—	—	1	—	—	—	1	—	—	—	2	
Palm	2	—	—	—	—	—	—	—	—	—	—	—	2	
Back of hand	2	—	—	—	—	—	—	2	—	—	—	—	2	
Thumb	6	—	1	4	—	1	1	1	—	—	—	—	6	
Index finger	4	—	—	2	1	1	1	1	—	—	—	—	4	
Middle finger	4	—	—	2	1	1	—	—	—	—	—	—	4	
Ring finger	6	—	1	2	1	1	—	1	—	—	1	—	6	
Little finger	2	—	—	—	—	—	—	—	—	—	—	—	2	
Thumb and one finger	3	—	—	1	—	—	—	—	1	—	—	—	3	
Thumb and two fingers	3	—	1	—	—	—	1	1	1	1	—	1	3	
Two fingers	3	—	—	—	—	—	1	—	—	—	—	—	3	
Three fingers	4	—	—	1	—	—	1	—	—	—	1	—	4	
Four fingers	2	—	—	—	—	—	1	—	1	—	—	—	2	
One finger, not specified	2	—	—	—	—	—	2	—	—	—	—	—	2	
Two or more fingers on both hands	5	—	—	1	1	1	1	2	—	—	—	—	5	
One finger on each hand	1	—	—	—	—	—	—	—	—	—	—	—	1	
Lower Extremities.														
Both ankles	27	—	5	2	4	7	2	5	1	1	—	—	27	
Heel	1	—	—	—	—	—	1	1	—	—	—	—	1	
Lower leg	2	—	1	—	—	—	—	1	—	—	—	—	2	
Leg, general	1	—	—	—	1	—	—	—	—	—	—	—	1	
Both legs	13	—	2	1	2	4	1	3	1	—	—	—	13	
Foot	4	—	1	1	1	1	—	1	—	—	—	—	4	
Both feet	5	—	1	1	—	2	—	—	—	1	—	—	5	
Body.														
Body, general	348	13	31	68	38	31	37	39	26	20	15	11	316	
Constitutional	157	—	10	29	23	23	28	26	11	5	1	—	156	
	191	13	21	39	15	8	9	13	15	15	14	11	160	
Grand Total	42,067	222	7	864	4,914	5,194	3,701	7,503	3,001	1,677	1,047	286	40,974	

TABLE IX. — *Cases of Infection, by Nature of Injury, July 1, 1931, to June 30, 1932.*

NATURE OF INJURY.	Total.	Fatales.	Permanent	Permanent	Temporary
			Total Disabilities.	Partial Disabilities.	Total Disabilities.
Abrasions, contusions and bruises	657	5	—	—	652
Burns	112	—	—	—	112
Cuts, punctures and lacerations	2,749	11	—	1	2,737
Fractures	10	3	—	2	5
Sprains and strains	1	—	—	—	1
All other	539	1	—	—	538
Amputations	36	1	1	34	—
Grand total	4,104	21	1	37	4,045

CHEMICAL PRODUCTS MACHINES.									
<i>Paints, Varnishes, Dry Colors, Inks and Dyes</i>									
Miscellaneous machines	3	1	2	—	135	—	—	96	39
Machinery of recovery, such as screens, sifters, filters	2	—	2	—	39	—	—	—	39
	1	1	—	—	96	—	—	96	—
<i>Soaps, Greases, Oils and Fertilizers.</i>									
Miscellaneous machines	5	—	—	1	2,125	—	—	—	13
Soap stamping presses, power operated	3	—	—	1	25	—	—	—	13
	2	—	—	—	2,100	—	—	—	—
	2	—	—	—	—	—	—	—	—
<i>Drugs.</i>									
Miscellaneous machines	6	4	—	2	137	—	—	124	13
Tablet presses and pill machines	3	2	—	1	65	—	—	59	6
	3	2	—	1	72	—	—	65	7
CLAY, GLASS AND STONE PRODUCTS.									
Brick making machinery	39	13	6	4	3,315	—	—	689	67
Molding machines	3	2	—	1	193	—	—	179	14
	2	1	—	—	32	—	—	29	3
<i>Cement Making Machines.</i>									
Cement making machines	1	—	1	—	7	—	—	—	7
Cement block machines	2	—	1	—	27	—	—	—	20
<i>Glass Making Machinery.</i>									
Glass making machines	1	—	—	—	5	—	—	—	5
Polishing wheels	2	—	1	—	14	—	—	—	6
Presses	3	2	—	1	122	—	—	118	8
Surface grinding machines	1	—	1	—	21	—	—	—	4
Pottery making machines	1	1	—	—	23	—	—	23	—
<i>Stone Working Machines.</i>									
Stone crushers	4	1	1	—	402	—	—	74	21
Stone working machines, other than crushers	13	3	1	—	432	—	—	120	12
Drills	5	2	3	1	1,995	—	—	104	50
Planers	1	1	—	—	42	—	—	42	13
CLOTHING MACHINES.									
Miscellaneous machines	169	50	20	28	4,659	—	—	3,386	365
Sewing machines	36	15	5	5	1,877	—	—	1,380	272
Cutting machines	120	31	13	21	2,590	—	—	1,895	92
	13	4	2	2	192	—	—	242	60
						—	—	111	45
						—	—	31	205
						—	—	28	22
FOOD PRODUCTS MACHINES.									
Miscellaneous machines	254	102	28	36	28,132	—	—	6,805	486
Barreling, bagging, packing and wrapping machines	84	40	5	15	11,296	—	—	2,796	86
Bottling machines	12	6	1	2	676	—	—	321	19
Cleaning, preparing and sorting machines	2	2	3	—	732	—	—	74	55
Containing, washing and cleaning machines	6	1	1	2	44	—	—	27	17
Crushers	4	2	1	1	135	—	—	89	4
Cutting machines	88	2	1	1	350	—	—	317	19
Milling and grinding machines	19	26	8	13	7,906	—	—	1,191	138
Mixing machines and kettles	7	4	6	—	4,800	—	—	199	98
		3	—	1	463	—	—	141	3
				2		—	—		14

Milling and Gear-Cutting Machines.

Milling and gear-cutting machines . . .	7	—	2	2	2	1	138	—	—	—	79	36	16	7
Broaching machines . . .	3	—	—	—	—	2	22	—	—	—	—	15	—	7
Die sinkers . . .	1	—	—	—	—	2	300	—	—	300	—	—	—	7
Gear cutting machines . . .	3	—	1	—	—	2	39	—	—	—	31	—	—	8
Milling machines . . .	22	—	10	1	2	3	6,826	—	—	6,300	473	19	26	8
Molding machines (core, sandmixers, stamping machines) . . .	10	—	6	—	—	3	344	—	—	—	319	—	11	14
Planers and shapers . . .	14	—	3	3	3	3	1,234	—	—	900	57	18	12	12
Polishers and buffers . . .	44	—	17	4	6	14	4,751	—	—	3,150	1,410	74	57	60
Portable power tools . . .	36	—	9	5	3	18	1,472	—	—	300	971	94	33	74

Presses and Punctures (Power)

Miscellaneous presses . . .	62	—	16	24	9	9	14,943	—	6,000	7,500	1,197	171	39	36
Arbor presses . . .	4	—	—	2	—	2	183	—	—	—	178	—	—	5
Bulldozers . . .	1	—	—	—	—	—	600	—	—	600	—	—	—	—
Draw presses . . .	5	—	—	1	—	1	637	—	—	600	23	11	—	3
Punch, stamping and trimming presses . . .	84	—	29	43	2	8	18,884	—	—	16,200	2,584	38	22	40
Punch and eyeletting machines . . .	3	—	—	2	2	1	49	—	—	—	—	37	12	—
Punch and riveting presses . . .	14	—	1	4	3	1	717	—	—	300	334	49	10	24
Presses (foot and hand operated) . . .	34	—	6	18	5	4	3,609	—	—	2,550	908	94	52	5
Presses (hydraulic, pneumatic and screw) . . .	1	—	—	—	1	1	35	—	—	—	—	19	10	6
Reamers . . .	35	—	1	18	6	2	2,824	—	—	1,800	854	112	23	35
Rolling and blooming mills . . .	6	—	—	2	—	—	351	—	—	—	304	—	47	—

Saws.

Miscellaneous saws . . .	14	—	3	3	1	7	3,107	—	—	2,850	202	21	—	34
Band saws . . .	4	—	—	1	—	1	822	—	—	750	54	11	—	7
Circular saws . . .	7	—	—	4	1	2	307	—	—	—	279	18	—	10
Hack saws . . .	7	—	—	2	2	2	72	—	—	—	65	—	—	7
Shears . . .	17	—	—	8	2	4	4,003	—	—	3,600	328	42	13	20
Welding and gear cutting machines . . .	22	—	—	1	1	20	129	—	—	—	142	17	—	70
Wire working machines . . .	8	—	—	3	2	1	179	—	—	—	113	39	22	5
Wire and tube working machines . . .	7	—	—	3	3	—	1,892	—	—	1,350	530	—	12	—
Winding machines (armatures) . . .	1	—	—	1	—	—	38	—	—	—	38	—	—	—

LEATHER WORKING MACHINES.

Miscellaneous leather machines . . .	633	—	46	291	69	159	54,725	—	6,000	29,850	16,158	1,263	798	656
Buffing and scouring machines . . .	522	—	36	237	57	136	33,139	—	—	19,650	13,213	1,044	661	571
Cutting machines . . .	54	—	4	24	3	8	2,904	—	—	1,200	58	84	61	38
Punching and pressing machines . . .	37	—	4	4	2	—	219	—	—	—	1,501	37	—	—
Sewing machines . . .	7	—	—	21	3	9	2,996	—	—	1,800	1,106	61	—	29
Miscellaneous shoemaking machines . . .	63	—	—	5	1	1	202	—	—	—	181	18	—	3
Rolling machines . . .	115	—	11	23	5	12	1,905	—	—	600	956	90	149	110
Lacing machines . . .	2	—	—	56	16	13	10,110	—	—	6,450	3,149	280	154	77
Stamping machines . . .	4	—	—	1	1	1	35	—	—	—	101	—	—	4
Stamping machines . . .	7	—	—	1	1	1	141	—	—	—	34	20	14	3
Eyeletting machines . . .	52	—	—	4	8	2	270	—	—	—	248	12	10	—
Heeling machines . . .	3	—	—	21	6	17	1,768	—	—	—	1,467	152	78	71
Heeling machines . . .	21	—	2	11	1	3	90	—	—	600	83	20	—	12
Heeling machines . . .	2	—	—	—	—	—	1,456	—	—	—	786	—	38	—

TABLE X. — Causes of Injuries, by Extent of Disability, etc. — Continued.

CAUSES.	NUMBER OF TABULATABLE INJURIES.					DAYS LOST DUE TO —										
	TEMPORARY DISABILITIES.					TEMPORARY DISABILITIES.										
	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.
Machinery.—Con.																
<i>Leather t'rodu ts.—Con.</i>																
Trimming machines	34	—	—	1	13	3	3	14	1,185	—	—	300	748	50	31	56
Drinking machines	37	—	8	—	18	2	4	5	8,117	—	—	7,050	968	36	42	21
Nailers and tacks	18	—	—	—	8	3	2	5	476	—	—	—	379	54	24	19
Staving machines	34	—	2	—	13	7	2	10	1,975	—	—	1,050	739	128	21	37
Grading and sorting machines	9	—	—	—	7	1	1	1	341	—	—	—	316	21	4	4
Embossing machines	11	—	—	2	5	1	1	2	949	—	—	600	307	19	14	9
<i>Tanneries.</i>																
Miscellaneous machines	111	1	10	—	54	12	11	23	19,586	6,000	—	10,200	2,945	219	137	85
Buffing drums	52	1	4	—	25	7	5	10	16,095	6,000	—	8,400	1,469	126	63	37
Other drums and paddle vats	7	—	—	—	3	1	1	2	130	—	—	—	94	16	14	6
Extractors (centrifugal)	1	—	—	—	1	—	—	—	104	—	—	—	104	—	—	—
Fleshing, staving and skiving machines	28	—	1	—	19	—	3	5	300	—	—	300	869	—	37	17
Jacks-felting, glazing, rolling, etc.	9	—	1	—	3	2	—	3	1,223	—	—	300	220	38	—	11
Presses and baling machines	1	—	1	—	—	1	—	—	569	—	—	300	18	—	—	—
Setting up or out machines	2	—	1	—	—	1	—	—	321	—	—	300	—	21	—	—
Splitting machines	9	—	—	2	3	—	2	2	819	—	—	600	189	—	23	7
Unhairing machines	1	—	—	—	—	—	—	1	7	—	—	—	—	—	—	7
<i>WOODWORKING MACHINES.</i>																
Miscellaneous machines	501	5	86	—	198	58	44	110	90,299	30,000	—	47,550	10,672	1,084	504	489
Boring machines and drills	54	—	4	—	25	6	9	10	3,603	—	—	1,500	1,832	114	106	51
Broom and brush making machines	10	—	1	—	6	—	1	2	624	—	—	300	304	—	12	8
	5	—	—	—	1	2	1	1	234	—	—	—	182	40	10	2
<i>Lathes.</i>																
Lathes, miscellaneous	10	—	—	—	4	1	1	4	200	—	—	—	147	20	12	21
Shoe last machines	2	—	—	—	1	1	—	—	45	—	—	—	24	21	—	—
<i>Presses.</i>																
Miscellaneous presses	8	—	1	—	5	1	—	1	513	—	—	300	192	15	—	6
Box board squeezers	4	—	—	—	2	1	—	1	156	—	—	—	134	20	—	2
Box nailers	1	—	—	—	1	—	—	—	4	—	—	—	—	—	—	4
Clamping machines	1	—	—	—	1	—	—	—	103	—	—	—	103	—	—	—
Loop presses	1	—	—	—	1	—	—	—	3	—	—	—	—	—	—	3

Tenoning, Planing and Molding Machines.

Edgers	1	-	1	6	1	1	9	-	21	233	-	9	-
Jointers	10	-	1	1	2	2	560	-	300	300	-	191	131
Matchers	6	-	1	1	2	2	437	-	300	113	-	-	29
Molders	25	-	9	9	1	5	6,062	-	5,550	461	-	11	3
Planers	75	-	13	36	8	17	8,299	-	6,450	1,622	-	8	76
Stickers	2	-	-	-	-	2	9	-	300	-	-	-	9
Tenoners	1	-	1	-	-	-	300	-	300	198	-	25	22
Sanding machines, N. O. C.	11	-	1	4	-	4	545	-	300	-	-	9	-
Spindle and post	1	-	-	-	-	1	9	-	-	-	-	10	-
Surface or drum	1	-	-	-	-	1	10	-	-	-	-	-	-

Saws.

Miscellaneous saws	149	3	26	53	23	16	36,651	18,000	-	2,749	430	191	131
Band saws	18	1	5	4	1	7	7,677	6,000	-	127	21	-	29
Band re-saws	2	-	-	-	1	1	14	-	-	-	-	11	3
Saws, N. O. C.	1	-	-	1	-	-	37	-	-	37	-	-	-
Circular saws	88	1	19	36	8	16	21,557	6,000	-	2,048	150	93	66
Dado	2	-	-	2	-	-	73	-	-	73	-	-	-
Gang circular	1	-	1	-	-	-	750	-	-	-	-	-	-
Spring saws	1	-	1	-	-	1	603	-	-	-	-	-	3
Shapers, N. O. C.	9	-	2	1	2	4	1,192	-	-	93	36	-	13

PAPER PRODUCTS MACHINES.

Miscellaneous machines	145	-	22	67	21	14	16,184	-	11,450	4,093	394	150	91
Paper cup machines	48	-	8	21	8	5	4,663	-	3,300	1,120	157	49	37
Tube machines	1	-	-	1	1	-	124	-	-	124	-	-	-
Gluing machines	1	-	-	1	1	-	26	-	-	26	-	-	-
Automatic box making machines	4	-	1	2	1	1	406	-	300	94	-	12	-
Bag and envelope making machines	17	-	2	7	2	3	1,098	-	600	421	38	32	7
Corner staying machines	10	-	3	2	2	2	1,035	-	900	72	34	23	6
Covering machines	6	-	1	3	1	1	440	-	300	118	19	-	3
Cutting and punching machines, N. O. C.	1	-	1	1	1	1	48	-	-	48	-	-	-
Die cutters	8	-	1	3	1	1	560	-	300	221	20	10	9
Paper cutter (hand)	2	-	-	1	-	-	28	-	-	26	-	-	2
Punches (presses)	5	-	-	3	1	1	153	-	-	131	18	-	4
Rotary cutters	7	-	2	4	1	1	2,937	-	2,750	197	100	14	8
Saws	6	-	-	2	1	1	140	-	-	68	35	-	-
Doming and ending machines, N. O. C.	3	-	-	2	1	-	88	-	-	93	-	-	-
Corrugating machines (not rolls)	2	-	-	3	2	-	35	-	-	91	-	-	-
Ending machines	3	-	-	-	-	-	93	-	-	-	-	-	-
Finishing machines	4	-	2	2	1	-	1,141	-	1,070	91	15	-	-
Embossing rolls or calendars	1	-	-	-	-	-	15	-	-	459	-	-	-
Embossing presses	4	-	-	4	1	-	499	-	-	650	20	-	15
Folding presses	12	-	2	5	1	-	2,635	-	1,950	-	-	-	-

PAPER MAKING MACHINES.

Miscellaneous	63	1	8	31	5	3	10,142	6,000	-	1,549	91	38	64
	23	1	4	10	4	-	7,857	6,000	-	569	72	-	16

Barkers, Splitters, Grinders, N. O. C.

Splitters	1	-	-	-	-	1	13	-	-	-	-	13	-
Beaters (including rag washers)	5	-	1	3	-	1	446	-	-	133	-	13	-
Cutters and slitters	14	-	1	6	1	1	591	-	-	237	19	12	23

Cloth cutting and stamping machines	12	1	3	2	440	300	34	61	21	24
Folding machines	6	1	2	2	167	—	108	36	23	—
<i>Dyeing, Finishing and Printing Machines</i>										
Dyeing and finishing machines	46	7	19	5	5,618	3,450	1,948	97	93	30
Shearing machines	7	—	2	1	157	—	119	17	—	21
Lappers	2	—	6	1	25	—	—	20	—	5
Hat making machines	11	1	6	1	1,174	750	399	—	12	13
Opening and cleaning machines	36	5	15	1	6	4,800	1,337	—	36	6
Pickers	2	—	2	—	6,243	—	186	15	—	55
Presses	4	1	—	—	186	—	186	—	—	17
Rope making machines	14	1	4	2	617	600	291	37	41	10
Sewing machines	15	1	6	3	371	300	273	61	12	25
Spinning machines, N. O. C.	15	1	4	1	916	300	533	20	36	27
Jacks and mules	42	3	13	7	1,655	900	517	129	40	69
Spinning frames	12	1	6	2	1,036	600	406	38	—	12
Drawing frames	13	1	3	—	1,036	300	423	—	—	33
Spoolers	12	1	3	—	291	—	207	39	21	24
Twisting machines	24	1	4	2	2,051	—	1,902	90	40	19
Weaving machines, N. O. C.	18	3	72	16	9,405	3,750	5,038	285	216	116
Looms	8	1	4	1	1,685	1,200	469	—	9	7
Warpers	39	2	16	5	1,530	600	739	97	28	66
Winders, doublers and quillers	—	—	—	—	—	—	—	—	—	—
RUBBER, CELLULOID, COMPOSITION, PEARL BONE AND TORTOISE SHELL (GOVERNMENT MACHINES).										
Miscellaneous machines	122	16	46	12	17,316	13,800	3,004	235	118	159
Calenders	44	3	20	4	2,693	1,350	1,166	77	30	70
Comb cutting machines and ornament shapers	6	2	1	2	1,290	1,200	46	42	—	2
Cutting and punching machines	5	1	1	1	656	600	29	—	24	3
Curling and slitting machines	8	1	1	1	3,096	3,000	53	18	9	16
Drills (button) etc.	14	2	2	2	1,211	1,050	79	40	12	30
Grinding, washing, milling and cracking machines	1	—	1	—	31	—	31	—	—	—
Lathes (button) etc.	3	1	—	—	765	750	—	—	11	4
Mixers (not of calendar type)	5	—	4	—	131	—	125	—	—	6
Presses, foot and hand operated	16	4	7	—	300	3,450	300	—	—	—
Presses and punches (mechanical)	11	2	5	2	3,753	2,400	287	—	—	16
Saws (button) etc.	7	2	5	3	3,142	—	710	—	22	10
Tubing machines	1	—	1	—	167	—	97	58	10	2
					81	—	81	—	—	—
LAUNDRY MACHINES.										
Miscellaneous machines	98	1	44	10	17,414	7,800	3,172	198	113	131
Extractors	33	5	14	1	1,151	—	1,011	21	54	65
Ironing machines	19	—	10	4	7,023	—	906	83	22	12
Body ironers	16	1	7	2	3,272	3,000	204	40	11	17
Flat work ironers	1	—	1	—	60	—	60	—	—	—
Mangles	3	—	1	1	62	—	29	20	13	—
Washing machines	5	—	1	—	4,948	4,800	148	—	—	—
	21	—	10	2	898	—	814	34	13	37

TABLE X. — Causes of Injuries, by Extent of Disability, etc. — Continued.

CAUSES.	NUMBER OF TABULATABLE INJURIES.					DAYS LOST DUE TO —						
	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.							
					Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.				
Machinery.—Con.												
MISCELLANEOUS.												
Office machinery	47	—	—	3	5,187	—	—	4,200	797	18	79	93
Not specified machinery	32	—	—	2	4,503	—	—	3,900	465	18	67	53
MACHINES OTHER THAN WORKING MACHINES.												
Automatic stokers	49	—	—	7	4,700	—	—	3,750	724	73	74	79
Fans and blowers	23	—	—	2	56	—	—	—	56	—	—	—
Pumps	16	—	—	4	2,023	—	—	1,500	412	39	39	33
Other machines	9	—	—	1	1,756	—	—	1,500	200	17	21	18
					865	—	—	750	56	17	14	28
HOISTING APPARATUS.												
<i>Elevators Controlled (not Construction Elevators).</i>	432	18	—	23	156,386	108,000	—	25,100	21,475	917	521	373
Cable, breaking	1	—	—	—	222	—	—	—	222	—	—	—
Cable, unwinding	4	—	—	3	6,000	—	—	—	—	—	—	—
Car, caught between floor and	22	—	—	2	914	—	—	900	—	—	14	—
Car, caught between shaft, side and	15	—	—	1	7,760	6,000	—	600	1,106	17	14	23
Car, caught between gate and	6	—	—	—	9,426	6,000	—	2,400	949	63	8	6
Car, struck by in pit	1	—	—	—	210	—	—	—	180	—	23	7
Caught between car and overhead equipment or top of shaft	1	—	—	—	126	—	—	—	126	—	—	—
Counter weight, struck by	1	—	—	—	39	—	—	—	39	—	—	—
Fall of person into shaft, from floor	34	5	—	3	28	—	—	7,500	28	—	—	—
Fall of person into shaft, from car	1	—	—	—	40,070	30,000	—	—	2,467	71	20	12
Gates, not specified	44	—	—	1	28	—	—	—	28	—	—	—
Machinery, breaking	1	—	—	—	2,379	—	—	300	1,859	144	36	40
Machinery, caught in	4	—	—	1	14	—	—	—	—	—	14	—
Objects falling down shaft, from floor	2	—	—	—	312	—	—	300	—	—	—	—
Objects falling down shaft, from car	1	—	—	—	315	—	—	—	300	15	—	—
All other	61	5	—	3	200	—	—	—	200	—	—	—
					34,468	30,000	—	2,600	1,583	132	99	54
Elevators, Automatic and Dumb Waiters.												
Cable, breaking	2	—	—	—	478	—	—	—	475	—	—	3
Cable, unwinding	1	—	—	1	1,200	—	—	1,200	—	—	—	—
Cable, caught by	1	—	—	—	10	—	—	—	—	—	10	—
Car, caught between floor and	5	—	—	—	311	—	—	—	307	—	—	4

Car, caught between shaft side and . . .	5	—	—	—	—	—	202	—	—	—	182	15	—	5
Car, caught between gate and . . .	2	—	—	—	—	—	13	—	—	—	—	—	8	5
Car, struck by, elsewhere . . .	2	—	—	—	—	—	8	—	—	—	—	—	—	8
Counterweight, struck by . . .	1	—	—	—	—	—	18	—	—	—	—	18	—	—
Fall of person into shaft, from floor . . .	7	—	—	—	—	—	1,439	—	—	—	1,431	—	8	—
Fall of person into shaft, from car . . .	3	—	—	—	—	—	444	—	—	—	444	—	—	—
Fall of person into car, from floor . . .	1	—	—	—	—	—	11	—	—	—	—	—	11	—
Gates . . .	10	—	—	—	—	—	407	—	—	—	—	37	37	11
Objects falling down shaft, from floor . . .	2	—	—	—	—	—	11	—	—	—	—	—	8	3
Objects falling from floor, into car . . .	1	—	—	—	—	—	7	—	—	—	—	—	7	—
All other . . .	18	—	—	—	—	—	6,783	6,000	—	—	692	15	44	32
<i>Construction Hoists and Elevators (not Derricks).</i>														
Cable, breaking . . .	1	—	—	—	—	—	32	—	—	—	32	—	—	—
Cable, caught by . . .	1	—	—	—	—	—	6	—	—	—	—	—	—	6
Car, caught between shaft side and . . .	1	—	—	—	—	—	55	—	—	—	55	—	—	—
Car, struck by, elsewhere . . .	1	—	—	—	—	—	48	—	—	—	48	—	—	—
Gates . . .	2	—	—	—	—	—	5	—	—	—	—	—	—	5
Objects falling from floor, into car . . .	1	—	—	—	—	—	110	—	—	—	110	—	—	—
All other . . .	4	—	—	—	—	—	64	—	—	—	26	20	14	4
<i>Cranes, Locomotives, Air Cranes and Derricks.</i>														
Cable or chain catching or striking person . . .	9	—	—	—	—	—	5,297	—	—	—	783	—	—	14
Falls from crane track (not in erecting or rigging) . . .	3	—	—	—	—	—	88	—	—	—	—	16	—	2
Hook or sling, catching or striking person . . .	7	—	—	—	—	—	6,124	—	—	—	90	—	14	12
Load, struck by, swinging . . .	13	—	—	—	—	—	1,257	6,000	—	—	78	72	—	—
Load, struck by, lowering or raising . . .	9	—	—	—	—	—	275	—	—	—	885	31	—	12
Load, falling, broken cable . . .	2	—	—	—	—	—	90	—	—	—	714	—	—	—
Load, falling, slipping cable . . .	2	—	—	—	—	—	2,729	—	—	—	275	—	—	—
Load falling, slipping of hook . . .	6	—	—	—	—	—	100	—	—	—	309	15	—	5
Load falling, sling breaking . . .	1	—	—	—	—	—	7	—	—	—	100	—	—	—
Machinery catching person . . .	2	—	—	—	—	—	702	—	—	—	677	17	—	7
Objects falling from load . . .	55	—	—	—	—	—	15,666	12,000	—	—	2,230	125	60	31
All other . . .	3	—	—	—	—	—	6,921	6,000	—	—	921	—	—	—
Boom breaking . . .	3	—	—	—	—	—	43	—	—	—	28	—	11	4
Blocks and tackles, windlasses, capstans, and winches . . .	28	—	—	—	—	—	1,924	—	—	—	1,186	77	47	14
Hay forks, derricks and stackers . . .	8	—	—	—	—	—	233	—	—	—	178	17	21	17
<i>CONVEYORS.</i>														
<i>Air Hoists.</i>														
Objects falling from . . .	15	—	—	—	—	—	7,119	6,000	—	—	478	19	10	12
Caught in . . .	6	—	—	—	—	—	934	—	—	—	316	18	—	—
Struck by load . . .	14	—	—	—	—	—	1,369	—	—	—	1,356	—	—	13
Other . . .	33	—	—	—	—	—	4,946	—	—	—	1,190	75	24	57

TABLE X. — Causes of Injuries, by Extent of Disability, etc. — Continued.

CAUSES.	NUMBER OF TABULATABLE INJURIES.				DAYS LOST DUE TO —									
	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.				Over 3 Weeks.	TEMPORARY DISABILITIES.				
					Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.		Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.	
Machinery.—Con.														
<i>Overhead Trolleys.</i>														
Objects falling from	2	—	—	1	—	1	—	—	316	—	—	300	—	—
Caught in	2	—	—	—	—	1	—	—	15	—	—	—	10	5
Struck by load	2	—	—	—	1	—	—	—	85	—	—	—	—	2
Other	2	—	—	—	—	—	—	—	9	—	—	—	—	9
<i>Belt and Chain Conveyors.</i>														
Objects falling from	10	—	—	1	4	1	1	3	1,602	—	—	1,200	21	14
Caught in	18	1	—	1	9	4	1	2	9,035	6,000	—	2,400	71	14
Struck by load	3	—	—	—	—	—	—	3	13	—	—	—	—	11
Other	25	—	—	2	15	—	1	7	2,942	—	—	1,500	—	13
<i>Screen Conveyors.</i>														
Objects falling from	1	—	—	—	1	—	—	—	81	—	—	—	—	—
Caught in	2	—	—	—	2	—	—	—	111	—	—	—	—	—
<i>Bucket Conveyors.</i>														
Objects falling from	11	—	—	—	3	3	—	5	215	—	—	—	58	13
Caught in	8	—	—	2	4	1	—	1	1,285	—	—	600	17	2
Struck by load	4	—	—	—	3	—	—	1	294	—	—	—	—	3
Other	18	—	—	—	9	3	1	5	912	—	—	—	54	27
<i>Platform Conveyors and Escalators.</i>														
Objects falling from	4	—	—	—	3	1	—	—	114	—	—	—	19	—
Caught in	5	—	—	—	2	—	2	1	121	—	—	—	—	4
Struck by load	1	—	—	—	—	—	—	1	3	—	—	—	—	3
Other	6	—	—	—	2	2	—	2	215	—	—	—	39	13
Vehicles (not including Construction of). 3,100	49	2	28	28	1,531	365	323	802	460,893	294,000	12,000	29,700	6,712	3,747
CARS AND ENGINES—STEAM AND ELECTRIC	204	11	1	2	87	14	24	65	84,045	66,000	6,000	4,800	277	265
<i>RAILWAYS.</i>														
<i>Falls From or In</i>														
In getting off, in motion	4	1	—	—	2	1	—	—	6,091	6,000	—	—	20	—
In getting on or off, at rest	19	—	—	—	10	—	1	8	616	—	—	—	14	40
While riding on, due to sudden start or stop	9	—	—	—	4	1	2	2	184	—	—	—	21	18
														6

While riding on, due to slipping or loss of balance	8	1	-	-	3	1	1	2	6,499	6,000	-	-	458	21	13	7
While riding on, contact with overhead structure	2	-	-	-	1	-	-	1	302	-	-	-	300	-	-	2
While riding on, contact with side structure	1	1	-	-	-	-	-	-	6,000	6,000	-	-	-	-	-	64
Falls	62	3	-	-	30	6	8	15	20,631	18,000	-	-	2,362	118	87	-
<i>Train Wrecks.</i>																
Collisions	7	-	-	-	3	-	2	2	482	-	-	-	454	-	19	9
Derailments	6	-	-	-	3	1	1	1	121	-	-	-	82	21	11	7
<i>Struck By or Caught Between</i>																
While coupling or uncoupling	7	-	-	-	-	1	2	4	61	-	-	-	-	20	20	21
While switching	4	4	-	-	1	1	64	3	64	-	-	-	49	-	-	15
While repairing track	2	1	-	-	1	-	-	-	6,097	6,000	-	-	97	-	-	-
While crossing track	3	1	-	-	1	-	-	-	10,530	6,000	-	4,500	30	-	-	-
While standing or walking on track	3	2	-	-	1	-	-	-	12,025	12,000	-	-	25	-	-	-
Miscellaneous	27	1	1	-	15	-	2	8	12,814	6,000	6,000	-	754	-	27	33
<i>Other Causes.</i>																
Setting or releasing hand brakes	3	-	-	-	-	-	1	2	21	-	-	-	-	-	14	7
Objects falling from (not in loading or unloading)	6	-	-	-	1	-	2	3	68	-	-	-	29	-	22	17
Objects shifting on load	1	-	-	-	-	-	2	1	2	-	-	-	-	-	2	2
All other	30	-	-	1	11	3	2	13	1,437	-	-	300	1,008	56	20	53
<i>MINE AND QUARRY CARS.</i>																
Derailments	12	-	-	-	5	-	5	2	848	-	-	-	774	-	62	12
Riding on, contact with roof	2	1	-	-	-	-	2	-	24	-	-	-	24	-	24	-
Struck by or caught between	1	-	-	-	1	-	-	-	37	-	-	-	37	-	-	-
All other	4	-	-	-	2	-	1	1	456	-	-	-	435	-	14	7
	5	-	-	-	2	-	2	1	331	-	-	-	302	-	24	5
<i>PLANT TRUCKS ON TRACKS.</i>																
Braking	38	-	-	1	21	3	6	7	2,174	-	-	300	1,720	57	66	31
Caught between truck and overhead obstruction	2	-	-	-	2	-	-	-	486	-	-	-	486	-	-	-
Caught by car or load in dumping	1	-	-	-	-	-	-	1	3	-	-	-	-	-	-	3
Collisions	4	-	-	-	1	1	2	1	156	-	-	-	133	-	21	2
Derailments	1	-	-	-	1	-	-	-	42	-	-	-	42	-	-	2
Falls from, due to sudden start or stop	3	4	-	-	2	-	-	1	81	-	-	-	74	-	-	7
Getting on or off	3	-	-	1	1	1	1	1	351	-	-	300	27	17	11	7
Lifting or pushing car	3	-	-	-	2	-	-	-	283	-	-	-	272	-	11	-
Riding on, contact with rib or side structure	3	-	-	-	2	-	1	-	134	-	-	-	123	-	11	-
Struck by, or caught between, while coupling or switching	1	-	-	-	-	1	-	-	19	-	-	-	-	19	-	-
Struck by	2	-	-	-	2	-	-	-	112	-	-	-	112	-	-	-
Struck, or caught between	8	-	-	-	3	-	2	3	216	-	-	-	181	-	23	12
	6	-	-	-	5	1	-	-	291	-	-	-	270	21	-	-
<i>AUTOMOBILES AND OTHER POWER VEHICLES.</i>																
Breaking of car or part not resulting in collision or overturning	2,582	34	1	25	1,277	306	271	668	336,618	204,000	6,000	24,600	90,207	5,615	3,158	3,038
Collisions, skidding	4	-	-	-	-	1	2	1	48	-	-	-	-	19	27	2
	46	3	-	2	26	5	6	4	22,185	18,000	-	2,100	1,896	90	84	15

CAUSES.	NUMBER OF TABULATABLE INJURIES.					DAYS LOST DUE TO —											
	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.												
					Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.									
Explosions, Electricity, Fires and Hot Substances.—<i>Con.</i>																	
Hot surfaces, contact with	92	—	—	—	20	19	11	42	1,360	—	—	—	—	—	—	—	—
Hot water	180	—	—	—	56	30	38	56	4,086	—	—	—	—	—	—	—	—
Metal, not molten, handling of	5	—	—	—	3	—	—	2	138	—	—	—	—	—	—	—	—
Metal molten, explosions of	1	—	—	—	1	—	—	—	82	—	—	—	—	—	—	—	—
Molten metal, at furnace or cupola	11	—	—	—	6	2	3	—	380	—	—	—	—	—	—	—	—
Molten metal, pouring	35	—	—	—	18	3	2	12	1,351	—	—	—	—	—	—	—	—
Molten metal or slag, all other	52	—	—	—	25	10	7	9	3,534	—	—	—	—	—	—	—	—
Oxyacetylene or electric cutting and welding	27	1	1	1	7	7	1	10	7,590	6,000	—	—	—	—	—	—	—
Radiant heat from incandescent metal	3	—	—	—	—	—	—	3	16	—	—	—	—	—	—	—	—
Other hot liquids	110	1	—	—	39	15	23	32	8,528	6,000	—	—	—	—	—	—	—
Other hot objects	82	—	—	—	24	12	13	32	1,972	—	—	—	—	—	—	—	—
Sand, ashes, cinders, grease, fat, flying particles	145	—	—	—	49	16	24	56	3,206	—	—	—	—	—	—	—	—
Acids	204	—	—	—	55	47	24	74	10,860	—	—	—	—	—	—	—	—
All other	157	—	—	—	44	22	28	62	5,611	—	—	—	—	—	—	—	—
Falls of Persons.	7,368	37	1	49	3,435	825	821	2,200	624,833	222,000	6,000	70,050	292,206	15,079	9,474	10,024	
FROM ELEVATIONS.																	
Benches, boxes, chairs and tables	222	—	—	1	109	27	21	64	10,061	—	—	600	8,427	498	247	289	
Boilers, engines and machines	68	—	—	2	35	6	5	20	5,615	—	—	1,950	3,414	113	58	80	
Bridges, dams and docks, (not in construction or demolition)	4	1	—	—	1	—	—	2	6,259	6,000	—	—	—	—	—	9	
Buildings in construction or demolition not elsewhere specified	30	1	—	—	21	—	2	6	8,841	6,000	—	—	2,786	—	24	31	
Cranes, derricks, elevators and hoists in erecting or rigging	3	—	—	—	2	—	1	—	169	—	—	—	158	—	11	18	
Elevated bins, pockets and tanks	11	1	—	—	5	1	—	4	6,463	6,000	—	—	425	20	—	—	
Floors, temporary	4	—	—	—	3	—	—	1	95	—	—	—	92	—	3	—	
Gangplanks	3	—	—	—	3	—	—	—	314	—	—	—	314	—	—	—	
Ladders.																	
Breaking of ladder or parts	47	—	—	—	28	7	2	10	3,973	—	—	—	3,782	122	24	45	
Shipping, twisting or fall of ladder	171	—	—	4	102	15	9	41	15,449	—	—	5,700	9,205	279	103	162	
Knocked off ladder	3	—	—	1	1	—	—	1	3,121	—	—	3,000	3,118	—	—	3	

All other	383	2	-	5	221	36	37	82	44,926	12,000	-	10,800	20,645	669	435	377
Loading platforms	55	-	-	-	22	4	5	24	1,473	-	-	-	1,243	76	57	97
Piles	43	-	-	-	25	3	2	13	2,397	-	-	-	2,976	80	22	42
Poles and trees	57	4	-	-	31	4	5	13	28,161	24,000	-	-	3,969	57	59	53
Roofs	56	1	-	3	36	5	5	6	20,564	6,000	-	7,800	6,595	85	54	30
Runways, balconies and platforms, not loading platforms	92	2	-	-	50	7	10	23	18,341	12,000	-	-	5,995	130	122	94
<i>Scaffolds and Staging.</i>																
Breaking or shpping	105	1	-	1	75	5	7	16	18,578	6,000	-	2,400	9,921	88	88	81
Breaking of tackle or support	15	1	-	-	10	1	-	13	6,751	6,000	-	-	720	16	-	15
Tilting or falling of loose plank	36	-	-	1	20	4	-	11	2,748	-	-	-	2,051	47	50	50
All other	207	5	-	3	133	19	16	31	50,795	30,000	-	3,600	16,527	346	192	130
Stairs and steps	1,265	3	1	-	515	152	155	433	76,474	18,000	6,000	6,000	30,902	2,776	1,769	2,027
Trunways and trestles	4	-	-	-	3	-	-	1	515	-	-	-	508	-	-	7
Windows and wall openings	32	4	-	1	14	4	4	5	28,058	24,000	-	2,400	1,517	69	44	28
All other	208	3	-	-	123	22	19	41	32,463	18,000	-	-	13,650	398	221	194
<i>INTO EXCAVATIONS, PITS AND SHAFTS.</i>																
Bins and vats, containing hot or corrosive substances	1	-	-	-	1	-	-	-	200	-	-	-	200	-	-	-
Bins and vats, all other	49	1	-	-	25	6	4	13	9,475	6,000	-	-	3,249	117	55	54
Floor openings (not elevator shafts)	96	-	-	-	47	6	10	33	5,233	-	-	-	4,850	106	114	163
Manholes	19	-	-	-	13	1	-	5	1,073	-	-	-	1,045	-	19	-
Excavations	103	-	-	2	47	11	13	30	7,135	-	-	1,800	4,864	204	145	122
<i>ON LEVEL.</i>																
Slipping	2,011	4	-	11	907	258	244	587	110,673	24,000	-	11,700	64,801	4,718	2,829	2,625
Stumbling over fixed objects	138	-	-	4	66	15	11	42	11,763	-	-	5,400	5,758	291	128	186
Stumbling over loose objects	629	-	-	1	274	64	77	213	25,198	-	-	1,800	20,377	1,139	884	998
All other	766	1	-	2	283	89	115	276	31,517	6,000	-	4,200	17,106	1,619	1,307	1,285
Slipping on wet floors	432	2	-	1	184	58	37	150	29,962	12,000	-	300	15,466	1,063	426	707
Stepping on, or Striking against Objects, 3,076		6	-	16	859	391	414	1,390	113,704	36,000	-	12,750	47,358	7,108	4,752	5,736
<i>STEPPING ON OBJECTS.</i>																
Nails	851	1	-	3	96	101	131	519	19,101	6,000	-	3,900	3,748	1,827	1,507	2,119
All other sharp objects	97	-	-	-	28	13	10	46	1,842	-	-	-	1,300	225	117	200
<i>STRIKING AGAINST OBJECTS.</i>																
Fellow-employees	33	-	-	-	13	-	3	17	606	-	-	-	479	-	41	86
Nails	217	-	-	2	47	30	29	109	4,141	-	-	600	2,958	537	327	419
Other fixed objects	685	1	-	4	276	85	89	230	27,964	6,000	-	2,700	15,752	1,559	1,018	935
Splinters or sharp projections from walls or structures	209	2	-	3	62	28	28	86	18,394	12,000	-	2,400	2,826	501	313	354
All other objects	984	2	-	4	337	134	124	383	41,656	12,000	-	3,150	20,995	2,459	1,429	1,623
Falling Objects (not being handled by Injured), 2,061		9	-	18	963	250	216	605	161,178	54,000	-	19,500	74,937	7,608	2,518	2,615
<i>COLLAPSE OF.</i>																
Building and walls	3	-	-	-	3	-	-	-	340	-	-	-	340	-	-	-
Chutes, conveyors and slides	3	-	-	-	1	-	1	1	80	-	-	-	66	-	8	6

TABLE X. — Causes of Injuries, by Extent of Disability, etc. — Continued.

CAUSES.	NUMBER OF TABULATABLE INJURIES.					DAYS LOST DUE TO —				
	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	7 Days and under.	TEMPORARY DISABILITIES.				7 Days and under.
						Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	Over 3 Weeks.	
Falling Objects (not being handled by Injured).—<i>Con.</i>										
Collapse of— <i>Con.</i>										
Piles (stacked, stored or piled up material)	20	—	—	—	8	6	3	3	504	32
Scaffolds and stagings	3	—	—	—	—	2	1	—	93	—
All other	8	—	—	—	3	3	1	1	203	14
FROM ELEVATIONS.										
Bins and pockets	3	—	—	—	1	—	1	1	—	6
Buildings in course of construction or demolition	34	3	—	2	5	20	3	1	2,754	23
Buildings not in course of construction or demolition	4	—	—	—	1	1	—	—	—	9
Chutes, conveyors, slides and screens	33	—	—	—	6	16	7	2	123	3
Machines and workbenches	180	—	—	4	63	73	22	18	1,185	28
Piles (stacked, stored or piled up material)	66	—	—	—	18	35	4	9	4,412	274
Racks and shelves	65	—	—	—	33	14	12	6	2,494	64
Runways, balconies and platforms	13	—	—	—	3	8	2	—	525	127
Scaffolds and stagings	28	—	—	—	10	11	2	5	683	24
Tramways and trestles	3	—	—	—	—	3	—	—	1,086	53
Other elevations	774	1	—	3	243	336	97	94	336	—
Objects dropped by person other than injured person	112	—	—	—	39	49	15	9	23,084	1,038
TREES.										
Limbs, not in felling trees	22	—	—	—	8	10	4	—	712	29
Spring poles, fly backs of	2	—	—	—	1	—	1	—	21	3
Trees in felling	22	—	—	1	3	14	3	1	1,561	12
Trees, kick backs of, in felling	4	—	—	1	—	2	—	—	245	14
Trees lodged in felling	2	—	—	—	1	—	1	—	21	8
Trees, not in felling	11	—	—	—	7	2	1	1	151	7
Objects tipping over	386	1	—	2	100	195	49	42	14,322	36
INTO EXCAVATIONS.										
Ditches and trenches	62	—	—	—	19	33	7	3	2,674	77
Other excavations (not tunnels, mines or quarries)	50	—	—	—	10	31	4	5	3,014	37

CAVE-INS (NOT MINES OR QUARRIES).

Ditches and trenches	100	4	—	4	69	9	3	11	36,292	24,000	—	4,500	7,540	173	32	47
Tunnels	3	—	—	—	3	—	—	—	146	—	—	—	146	—	—	—
Other excavations	30	—	—	1	20	2	2	5	5,578	—	—	3,000	2,491	35	23	29
In mines and quarries—inside	12	—	—	—	3	1	2	6	183	—	—	—	120	16	21	26
Handling of Objects.	12,842	23	1	162	5,538	1,638	1,487	3,993	659,739	138,000	6,000	86,100	364,804	30,085	17,249	17,501
HEAVY OBJECTS.																
Caught between object handled and other object	1,224	—	—	62	520	144	125	373	60,494	—	—	23,700	31,119	2,661	1,430	1,584
Objects dropped	1,439	2	—	17	631	178	160	451	68,489	12,000	—	12,150	37,314	3,249	1,889	1,887
Objects falling from load (while loading or unloading)	449	1	—	9	215	49	56	119	28,188	6,000	—	3,900	14,247	905	631	505
Objects falling from pile (while piling or unpling)	140	—	—	—	67	22	17	34	5,657	—	—	—	4,897	418	190	152
Objects thrown	120	—	—	—	39	16	18	46	3,463	—	—	300	2,507	286	206	164
Strain in handling	4,692	10	1	5	2,547	520	446	1,163	286,983	60,000	6,000	9,000	191,746	9,529	5,137	5,581
Handled	840	1	—	2	312	103	110	312	28,432	6,000	—	600	17,172	1,919	1,346	1,395
SHARP OR ROUGH OBJECTS.																
Bones	123	—	—	1	30	28	17	47	2,414	—	—	300	1,200	507	203	204
Castings	5	—	—	—	4	—	—	—	219	—	—	—	205	—	14	—
Glass	472	—	—	9	87	78	87	211	10,971	—	—	3,300	4,403	1,401	1,003	864
Protruding nails in objects handled	353	1	—	6	94	64	42	146	14,659	6,000	—	2,250	4,182	1,159	484	584
Protruding wires	243	1	—	8	62	44	32	96	17,377	6,000	—	7,200	2,580	821	377	399
Sheet metal and sheet metal objects	251	1	—	2	73	38	42	95	13,661	6,000	—	2,100	3,958	714	458	401
Slivers, metal	220	2	—	3	60	37	36	82	18,639	12,000	—	1,200	3,860	694	415	370
Slivers, wood	671	3	—	20	186	90	90	282	41,910	18,000	—	11,100	9,026	1,677	1,042	1,065
All other	671	1	—	14	202	111	103	240	27,689	6,000	—	8,100	9,345	2,030	1,175	1,039
HAND TRUCKS, CARTS AND WHEEL-FARROWS.																
Caught between truck and other object	106	—	—	3	40	15	12	36	3,676	—	—	900	2,223	269	140	144
Object falling from, not in loading or unloading	68	—	—	—	26	9	8	25	1,925	—	—	—	1,558	159	90	118
Overturning	33	—	—	—	18	2	3	10	1,249	—	—	—	1,137	39	32	41
Struck by truck handled by injured person	291	—	—	—	116	40	36	99	8,089	—	—	—	6,493	736	421	439
Struck by truck handled by co-worker	78	—	—	—	28	5	11	34	2,869	—	—	—	2,511	88	131	139
All other	353	—	—	—	181	45	35	92	14,676	—	—	—	13,021	824	405	426
Hand Tools.	3,800	1	1	63	1,195	528	526	1,486	158,144	6,000	6,000	59,550	64,656	9,623	6,113	6,202
IN HANDS OF INJURED WORKER.																
Breaking or coming apart of tool	56	—	—	2	18	8	8	20	3,463	—	—	2,100	1,051	139	96	77
Flying particles set in motion by tool not specified	144	—	1	5	23	9	21	85	16,838	—	—	9,000	1,097	170	237	334
Metal chips	187	—	—	8	48	25	29	77	15,441	—	—	11,700	2,663	444	320	314
Nails and spikes	121	—	—	4	9	3	3	8	7,870	—	—	7,200	56	56	37	32
Stone	2,380	—	—	6	38	15	17	45	13,535	—	—	10,800	2,092	273	196	174
Glancing or slipping of tool in use	708	—	—	24	688	345	336	987	61,740	—	—	11,100	36,314	6,302	3,905	4,119
All other	708	1	—	2	297	105	94	209	26,695	6,000	—	600	16,153	1,916	1,103	923

TABLE X. — Causes of Injuries, by Extent of Disability, etc. — Concluded.

CAUSES.	NUMBER OF TABULATABLE INJURIES.					DAYS LOST DUE TO --								
	Deaths.	TEMPORARY DISABILITIES.				Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.					
		Total.	Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.				7 Days and under.	Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.	
Hand Tools.—Con.														
IN HANDS OF FELLOW-WORKER.														
Flying particles set in motion by tool, not specified	5	—	—	—	—	—	—	—	—	—	—	—	—	—
Metal chips	4	—	—	—	—	—	—	1,800	—	—	—	—	10	2
Stone	4	—	—	—	—	—	—	—	—	—	—	—	18	14
Breaking or coming apart of tool	4	—	—	—	—	—	—	—	92	—	—	—	12	3
Glancing or slipping of tool in use	148	—	—	—	—	—	—	4,500	—	—	—	—	385	3
All other	12	—	—	—	—	—	—	750	3,834	305	132	202	39	19
									229	—	—	—	—	—
	246	2	1	1	100	12,000	300	300	6,595	530	355	438	—	—
Animals.														
DRAFT ANIMALS.														
Bites	8	—	—	—	4	92	—	—	28	39	8	17	—	—
Kicks and stepped on	82	—	—	—	15	4,249	—	—	3,832	159	178	80	—	—
Runaways	12	—	—	—	2	545	—	—	504	19	9	13	—	—
All other	54	1	—	—	7	8,027	6,000	—	1,766	102	79	80	—	—
All other animals	57	1	—	—	35	6,980	6,000	300	332	137	52	159	—	—
Insects	33	—	—	—	22	325	—	—	133	74	29	89	—	—

TABLE XI.—*Machinery—Frequency of Injuries, by Manner of Occurrence and by Part of Machine, July 1, 1931, to June 30, 1932.*

MANNER OF OCCURRENCE.	Total.	PART OF MACHINE ON WHICH ACCIDENT OCCURRED.									
		Point of Operation.	Belts.	Cranks or Eccentrics.	Flywheels.	Gears.	Set Screws, Keys and Bolts.	Counter-weights.	All other.		
Adjusting machine, tool or work	300	174	46	—	5	24	1	1	49		
Starting, stopping or operating machine	2,368	2,193	42	15	4	28	1	—	85		
Cleaning or oiling machine	270	126	23	3	—	29	—	—	89		
Repairing machine	179	33	16	1	—	6	2	—	23		
Breaking of machine tool, or work	175	105	22	—	1	2	—	—	43		
Flying objects	418	375	4	1	1	—	—	—	37		
All other	1,275	96	18	1	—	17	—	—	1,143		
Grand total	4,885	3,102	171	21	11	106	2	3	1,469		

Occupational Diseases.

All other	954	13	—	20	477	108	109	227	135,669	78,000	—	13,200	40,142	1,985	1,245	1,097
Anthrax	148	2	—	—	60	19	13	54	16,322	12,000	—	—	3,582	343	148	249
Dermatitis	6	—	—	1	5	—	—	—	2,281	—	—	1,800	481	—	—	—
Eczema	414	—	—	—	265	43	41	65	22,248	—	—	—	20,658	797	461	332
Lead poisoning	10	—	—	—	9	—	—	—	1,957	—	—	—	954	—	—	—
Poison ivy	35	1	—	—	32	1	—	1	10,475	6,000	—	—	4,456	16	—	3
Tuberculosis (including stone cutter's consumption)	189	—	—	—	68	36	40	45	4,087	—	—	—	2,727	657	469	234
Gas	31	5	—	16	10	—	—	—	43,396	30,000	—	9,600	3,796	—	—	—
Beuzol	88	2	—	2	18	8	10	48	16,066	12,000	—	1,200	2,392	151	108	215
Carbon monoxide gas	3	1	—	1	1	—	—	—	6,809	6,000	—	600	209	—	—	—
Carbon	30	2	—	—	9	1	5	13	13,028	12,000	—	—	887	21	59	61
Grand total	42,067	222	7	864	17,215	5,194	4,914	13,651	3,442,083	1,332,000	42,000	645,500	1,208,260	98,144	56,812	59,367

TABLE XII. — Study showing Condition of Dependents in Uninsured Fatal Cases, July 1, 1931, to June 30, 1932.

Industries.	Occupation.	Age.	Wage.	Amount payable in Analogous Cases.	Dependents.	Settlement.	Financial Condition.
Steam railroad	Fireman	50	\$38 85	\$4,000 00	Widow	\$3,000 00	Good financial circumstances.
Steam railroad	Yard helper	31	39 72	4,000 00	Widow	3,000 00	Fair financial condition.
Saw mill	Marker	19	24 00	250 00	None	—	Single man, no dependents. Settlement made with mother, amount unknown.
Telephone and telegraph	Line foreman	31	57 00	250 00	None	—	Single man, no dependents.
Telephone and telegraph	Lineman	37	38 00	5,600 00	Widow and two children	—	Very good financial condition.
Wholesale and retail trade	Station attendant	48	30 00	4,800 00	Widow and one child	—	Very poor financial circumstances.
Garage	Night-man	25	21 00	4,800 00	Widow and one child	—	Very poor financial circumstances.
Steam railroad	Freight trainman	55	37 50	250 00	None	—	Single man, no dependents.
Steam railroad	Track laborer	38	16 00	4,000 00	Three children	—	Fair financial circumstances.
Steam railroad	Carpenter	34	31 92	4,800 00	Widow and one child	—	Very poor financial circumstances. Suit pending.
Manufacturing of fire-works	Laborer	37	36 00	5,600 00	Widow and two children	—	Very poor financial circumstances. Suit pending.
Crushing stone	Repair-man	22	31 00	4,000 00	Widow	—	Suit pending. Very poor financial condition.
Lumber	Laborer	34	24 00	4,000 00	Widow	—	Very poor financial circumstances.
Automobile wrecker	Laborer	28	18 00	250 00	None	—	Single man, no dependents.
Steam railroad	Clerk	64	28 14	250 00	None	—	Widower, no dependents.
Steam railroad	Crossing tender	62	19 20	4,000 00	Widow	—	Fair financial condition. Suit pending.
Street railway	Car operator	56	36 48	4,000 00	Widow	2,000 00	Good financial circumstances.
Steam railroad	Fireman	42	31 13	5,600 00	Widow and two children	—	Poor financial condition. Suit pending.
Telephone and telegraph	Combination installer	39	43 50	4,000 00	Mother	5,250 00	No information available.
Laundry	Engineer	37	30 00	4,000 00	Widow	—	Employer is in poor financial condition and may fail. Widow's financial condition fair.
Steam railroad	Yard helper	57	35 75	250 00	None	—	Widower, no dependents.
Telephone and telegraph	Lineman	36	38 00	3,000 00	Parents	5,000 00	Single man parents partially dependent.
Granite cutting	Master mechanic	45	40 00	6,400 00	Widow and six children	4,000 00	Employer has agreed to pay twenty dollars (\$20) a week until a total of four thousand dollars (\$4,000) has been paid.
Hospital	Houseman	64	20 18	250 00	None	—	Single man. No dependents.
Steam railroad	Asst. signal maintainer	48	36 79	4,800 00	Widow and one child	—	Railroad denied liability. Fair financial circumstances.
Steam railroad	Engineer	57	40 00	4,000 00	Widow	—	No further information available.
Steam railroad	Boilermaker	36	38 42	6,400 00	Widow and three children	—	Very poor financial circumstances. Suit pending.
Manufacturing of machinery	General work..	25	21 00	6,400 00	Widow and three children	4,000 00	Fair financial circumstances.

TABLE XIII. — *Conjugal Condition and Dependency in Cases of Fatal Injuries, July 1, 1930, to June 30, 1931.*

INDUSTRIES.	CONJUGAL CONDITION.				DEPENDENCY.			
	Single.	Married.	Widowed.	Divorced.	NUMBER OF CASES.		NUMBER OF PERSONS.	
					Whole De-pendency.	Partial De-pendency.	Whole De-pendency.	Partial De-pendency.
Agriculture, Forestry and Animal Husbandry	4	3	—	—	3	3	8	4
Agriculture	1	2	—	—	2	1	7	1
Forestry	2	—	—	—	—	2	—	1
Ice harvesting	1	1	—	—	1	—	1	—
Extraction of Minerals.	—	4	—	—	4	—	11	—
Quarrying	—	4	—	—	4	—	11	—
Building Trades.	4	10	1	—	10	3	27	3
Hand trades	4	10	1	—	10	3	27	3
Chemical and Allied Products.	—	3	—	—	3	—	5	—
Powder, cartridges, fireworks, etc., makers	—	1	—	—	1	—	2	—
Other chemical workers	—	2	—	—	2	—	3	—
Clay, Glass and Stone Products.	—	2	—	—	2	—	2	—
Marble and stone cutters	—	2	—	—	2	—	2	—
Food and Kindred Products.	1	6	—	—	6	1	17	1
Bakeries, bread and other bakery products	—	3	—	—	3	—	5	—
Butter and cheese makers	1	—	—	—	—	1	—	1
Slaughtering and packing houses	—	3	—	—	3	—	12	—
Iron and Steel and Their Products.	2	9	—	—	9	1	24	1
Automobile factories	1	—	—	—	—	—	—	—
Foundries and metal working, tools	1	5	—	—	5	1	18	1
Ship and boat building	—	1	—	—	1	—	2	—
Other iron and steel workers	—	3	—	—	3	—	4	—
Leather and Its Finished Products.	—	6	—	—	6	—	17	—
Shoes	—	3	—	—	3	—	6	—
Tanneries	—	3	—	—	—	—	11	—
Lumber and Its Re-manufacture.	2	3	—	—	3	1	—	—
Saw and planing mills	1	1	—	—	1	—	—	—
Other wood workers	1	2	—	—	2	1	—	—

TABLE XIII. — *Conjugal Condition and Dependency in Cases of Fatal Injuries, etc. — Concluded.*

INDUSTRIES.	CONJUGAL CONDITION.				DEPENDENCY.			
	Single.	Married.	Widowed.	Divorced.	NUMBER OF CASES.			NUMBER OF PERSONS.
					Whole De- pendency.	Partial De- pendency.	No De- pendency.	
Metal and Metal Products Other Than Iron and Steel.	1							
Other metal workers	1	—	—	—	—	1	—	1
Paper.								
Paper and pulp mills	—	6	—	—	6	—	—	—
Pulp mills	—	4	—	—	—	—	—	—
Other paper goods	—	1	—	—	1	—	—	—
Other paper goods	—	1	—	—	1	—	—	—
Textiles.	1	5	1					
Cotton mills	—	—	—	—	5	—	2	—
Dyeing and finishing textiles	—	1	—	—	1	—	—	—
Knitting mills	1	—	—	—	—	—	1	—
Woolen mills	—	1	—	—	1	—	—	—
Not specified textile workers	—	2	1	—	—	—	1	—
Not specified textile workers	—	1	—	—	1	—	—	—
Miscellaneous Industries.	9	17	2					
Cigars and tobacco	—	—	—	—	19	5	4	7
Electric light and power companies	—	1	—	—	1	—	—	—
Electrical supplies	4	8	1	—	9	2	2	2
Gas works	1	4	1	—	4	1	1	2
Oil works	—	2	—	—	2	—	—	—
Rubber factories	—	1	—	—	1	—	—	—
Other miscellaneous industries and occupations	2	—	—	—	1	2	1	—
Other miscellaneous industries and occupations	2	1	—	—	1	—	—	3
Transportation, Road, Etc.	8	38	8					
Road, street, bridge, construction of	—	—	—	1	42	4	9	8
Truck, transfer, cab and hack companies, garages,	—	18	4	1	20	2	5	2
Street railways	—	10	—	—	11	2	—	1
Steam railroads	—	3	1	—	3	1	—	5
Steam railroads	—	3	—	—	8	—	4	—
Express companies	—	1	—	—	1	—	—	—
Express companies	—	1	—	—	1	—	—	—
Telephone and Telegraph.	3	1						
Telephone and telegraph	3	1	—	—	1	—	3	—
Telephone and telegraph	3	1	—	—	1	—	3	—

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The Commonwealth of Massachusetts

DEPARTMENT OF INDUSTRIAL ACCIDENTS.

Room 272, State House, Boston, June 1, 1934

To the Honorable Senate and House of Representatives:

The Department of Industrial Accidents has the honor to transmit herewith its twenty-first annual report.

Respectfully,

INDUSTRIAL ACCIDENT BOARD

JOSEPH A. PARKS, *Chairman*

ALFRED B. CENEDELLA

CHESTER E. GLEASON

DANIEL J. SULLIVAN

EMMA S. TOUSANT

JAMES FARRELL

EDWARD E. CLARK

EDWARD P. DOYLE, *Secretary.*

TWENTY-FIRST ANNUAL REPORT

OF THE

Department of Industrial Accidents

INTRODUCTION

The Department of Industrial Accidents presents herewith its twenty-first annual report. This report contains the facts and figures, in summarized form, which comprise the Department's experience in the administration of the Workmen's Compensation Act (General Laws, chapter 152) for the year July 1, 1932 to June 30, 1933.

It may be stated, in brief, that a comparison with the report for the year ending June 30, 1932, shows that there was a decided decrease in the number of injuries reported to the Board and a corresponding decrease in the number of tabulatable injuries, from 34 per cent in 1932 to 33 per cent in 1933. The severity of injuries, as measured by the plan for weighting time loss due to injuries, was less by 900,756 days than for the previous year. This decrease may be accounted for, in part, by the fact that there were 10,298 tabulatable injuries less than in 1932.

A synopsis of the subjects covered in the current report follows:

The Twenty-first Year of the Act.—This chapter covers in condensed form the number of tabulatable injuries, total reported injuries, aggregate time lost, a condensed statement of combined payments by insurance companies operating under the Act, extent of incapacity in certain cases, and dependency, in brief, in fatal cases.

Summary of Accident Experience.—This chapter explains the various tables found in the Appendix, with a brief analysis of each, and should be referred to for an understanding of the tables used. Graphs containing comparisons are used to present certain important phases of the experience.

Dependency in Fatal Cases not Insured under the Act.—This chapter deals with facts with particular reference to the condition of dependents in fatal cases where the injured employees were not insured under the provisions of the Act. The statements represent an analysis based on Table XII in the Appendix of this report.

Medical Division.—A brief summary of the work of this division with some statistical data for the past year.

THE TWENTY-FIRST YEAR OF THE ACT

There were 96,144 accident reports filed with the Department of Industrial Accidents during the year July 1, 1932 to June 30, 1933. Of these, 31,769 were tabulatable injuries (injuries causing the loss of at least one day or one shift, usually 8 hours), including deaths, permanent total, permanent partial, and temporary total disabilities. Death resulted in 162 of these cases, 8 involved permanent total disability, 602 were of a permanent partial nature, and 30,997 were temporary totals.

There was a decrease in the number of reported injuries from 123,517 in 1932 to 96,144 in 1933, and a corresponding decrease in the number of tabulatable injuries, from 42,067 in 1932 to 31,769 in 1933.

The reports from insurance companies show that the payments made and to be made on account of injuries occurring in this period total \$5,856,868.43, and are classified as follows: medical, \$1,892,595.46; fatal compensation, \$473,542.18; and non-fatal compensation, \$3,490,730.79.

The weighted time loss charged to all injuries is 2,541,327 days, distributed as follows: temporary total disability, 42.2 per cent; deaths, 38.2 per cent; permanent partial disability, 17.7 per cent; and permanent total disability, 1.9 per cent.

There were 162 fatals this year, a decrease of 60 cases in comparison with the year ending June 30, 1932. Total dependency was involved in 133 of these cases, 316 persons being so dependent. In 16 cases, dependency was partial, the dependents numbering 18. In the remaining 13 cases, there was no dependency. There were 144 cases or 88.9 per cent insured.

SUMMARY OF ACCIDENT EXPERIENCE

TABLE I, TOTAL TABULATABLE INJURIES, BY INDUSTRIES AND CASES INSURED AND NOT INSURED.

The statistics of the Board show that 96.2 per cent, or 30,562 of the tabulatable injuries were insured under the provisions of the Act and that 3.8 per cent, or 1,207 cases were not insured. This is a slight decrease in the percentage of insured cases as compared with last year when 96.3 per cent were insured.

TABLE II, INSURANCE TRANSACTIONS UNDER THE ACT.

This table was compiled from figures furnished the Board by authorized insurance companies operating under the Act, and also from the boards, commissions and departments of the Commonwealth of Massachusetts, and all counties, cities, towns and districts which have accepted the provisions of chapter 807, Acts of 1913. During the year ending June 30, 1933 a total payment of \$5,856,868.43 was reported. This is \$1,963,175.11 less than in 1932.

During the past year there has been paid to injured laborers, workmen and mechanics, and their dependents of the Commonwealth and the various counties, cities, towns and districts which have accepted St. 1916, c. 807, (now G. L. Ch. 152, ss. 69-75), the sum of \$306,432.05. During the year ending June 30, 1932, the compensation agents of the Commonwealth and the different counties, cities, towns and districts

reported the payment of compensation and medical in the sum of \$331,654.58.

The average cost per case, including compensation and medical benefits, paid and outstanding, in all cases in which such payments were made whether tabulatable or not, was \$74.07 as compared with an average cost per case of \$81.58 in 1932.

Insurance Payments Made and Outstanding

TYPE OF PAYMENT.	Amount.	Per Cent.
Medical, for all cases	\$1,892,595.46	32.3
Fatal, dependency compensation	473,542.18	8.1
Non-fatal, disability compensation	3,490,730.79	59.6
Totals	\$5,856,868.43	100.0

Based on the payments made and the number of cases to which they apply, the average cost per case for the several groups is as follows:

Average Cost per Specified Case.

TYPE OF PAYMENT.	Number of Cases.	Average Cost.
Medical, for all cases	79,068	\$ 23.93
Fatal, dependency compensation	137	3,456.51
Non-fatal, disability compensation	20,635	169.16

TABLE III, FREQUENCY OF INJURIES, BY INDUSTRIES AND EXTENT OF DISABILITY.

This table indicates the number of deaths, permanent total disabilities, permanent partial disabilities, and temporary total disabilities.

In permanent total disabilities, the element of judgment based on experience, must enter into classifying a part of the data. In rating injuries of this nature the general principle by which severity is to be measured is based on economic loss to the community and the loss of wages to the employee. Permanent total disability applies to every injury which permanently incapacitates the workmen from performing any work continuously in a gainful occupation. The element of judgment must enter into the classification of the data, because the statistics must be compiled before we can determine definitely whether an injured employee is ever going to be able to perform work again.

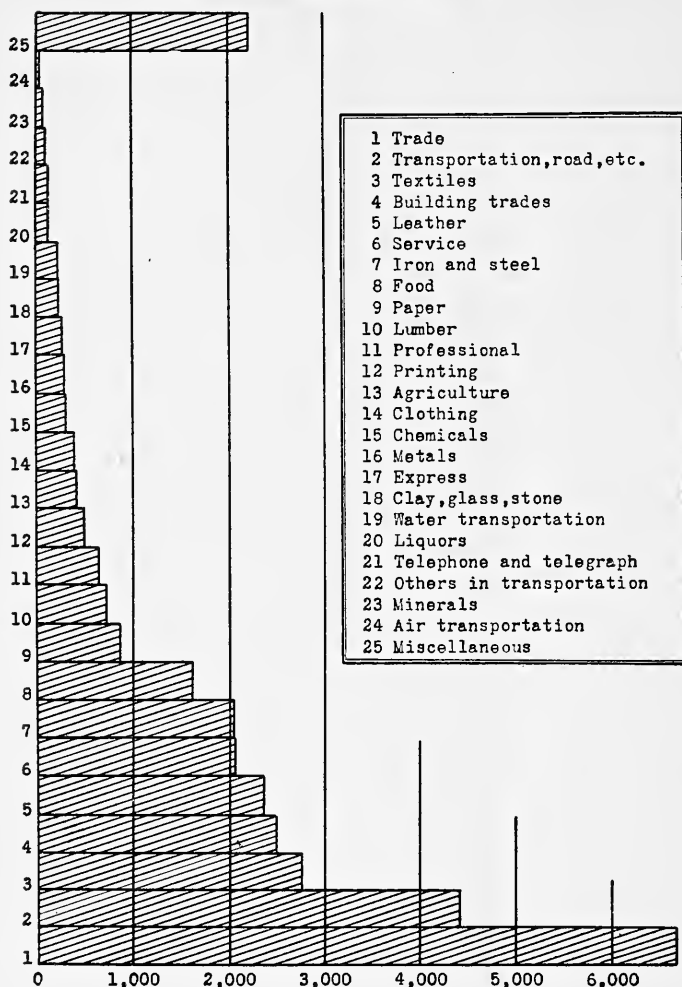
Permanent partial disabilities are all injuries less than permanent total, which result in the loss of any member of the body, or part thereof, or in the permanent impairment of any function, as included in the specific injury table.

Temporary total disabilities are those in which the injured employee returned to work at his former wages, except a small number in which disability extended over one year.

Extent of Total Tabulatable Injuries.

EXTENT OF DISABILITY.	Number of Cases.	Per Cent.
Deaths	162	.5
Permanent total disabilities	8	. ¹
Permanent partial disabilities	602	1.9
Temporary total disabilities	30,997	97.5
Totals	31,769	100.0

¹ Less than one-tenth of one per cent.

NUMBER OF TOTAL TABULATABLE INJURIES BY INDUSTRIESJuly 1, 1932 - June 30, 1933

The following table is a summary of the duration of disability in all cases in this classification:

Duration of Temporary Total Disabilities.

DISABILITY PERIOD.	Number of Cases.	Per Cent.
1 to 3 days	4,158	13.4
4 to 7 days	5,911	19.1
1 to 2 weeks	3,908	12.6
2 to 3 weeks	3,960	12.8
3 to 4 weeks	2,830	9.1
4 to 8 weeks	5,766	18.6
8 to 13 weeks	2,285	7.4
13 to 26 weeks	1,207	3.9
26 to 52 weeks	717	2.3
Over 1 year	255	.8
Totals	30,997	100.0

It should be noted that in 10,069 cases, or 32.5 per cent of the temporary total disabilities, the employee was not incapacitated for a period of more than 7 days. Compensation would not be payable on these injuries, but if the employers were insured, the employees would be entitled to medical benefits.

Total Tabulatable Injuries, by Industries and Extent of Disability, Including Percentage Distribution.

INDUSTRIES.	TOTALS.		DEATHS.		PERMANENT TOTAL DISABILITIES.		PERMANENT PARTIAL DISABILITIES.		TEMPORARY TOTAL DISABILITIES.	
	Num-ber	Per Cent.	Num-ber.	Per Cent.	Num-ber.	Per Cent.	Num-ber.	Per Cent.	Num-ber.	Per Cent.
Trade	6,681	21.0	25	15.5	1	12.5	55	9.1	6,600	21.3
Transportation, road	4,390	13.8	45	27.8	2	25.0	44	7.3	4,299	13.9
Textiles	2,752	8.7	7	4.3	1	12.5	77	12.8	2,667	8.6
Building trades	2,490	7.8	15	9.3	2	25.0	37	6.1	2,436	7.9
Leather	2,351	7.4	5	3.1	—	—	59	9.8	2,287	7.4
Miscellaneous	2,214	7.0	13	8.0	—	—	57	9.5	2,144	6.9
Service	2,045	6.4	7	4.3	—	—	25	4.2	2,013	6.5
Iron and steel	2,021	6.4	14	8.6	—	—	68	11.3	1,939	6.3
Food	1,620	5.1	8	5.0	1	12.5	27	4.5	1,584	5.1
Paper	875	2.7	5	3.1	—	—	29	4.8	841	2.7
Lumber	726	2.3	1	.6	—	—	51	8.5	674	2.2
Professional	665	2.1	4	2.5	1	12.5	12	2.0	648	2.1
Printing, bookbinding	503	1.6	1	.6	—	—	7	1.2	495	1.6
Agriculture	411	1.3	1	.6	—	—	5	.8	405	1.3
Clothing	386	1.2	—	—	—	—	2	.3	384	1.2
Chemicals	296	.9	1	.6	—	—	8	1.3	287	.9
Metals	275	.9	1	.6	—	—	18	3.0	256	.8
Express	256	.8	—	—	—	—	—	—	256	.8
Water transportation	217	.7	1	.6	—	—	—	—	216	.7
Clay, glass, stone	217	.7	3	1.9	—	—	15	2.5	199	.6
Liquors	111	.3	1	.6	—	—	2	.3	108	.3
Telephone, telegraph	103	.3	1	.6	—	—	—	—	102	.3
Others in transportation	97	.3	1	.6	—	—	—	—	96	.3
Minerals	65	.2	2	1.2	—	—	3	.5	60	.2
Air transportation	2	.1	—	—	—	—	1	.2	1	.1
Totals	31,769	100.0	162	100.0	8	100.0	602	100.0	30,997	100.0

¹ Less than one-tenth of one per cent.

Deaths.—"Transportation, road, etc." had the highest number of deaths, 45, or 27.8 per cent; followed in order by "trade," with 25, or 15.5 per cent; "building trades," with 15, or 9.3 per cent, and the rest as shown.

Permanent Total Disabilities.—There were 8 permanent total disabilities this year, distributed as follows: "transportation, road, etc." and "building trades" each had 2, and "trade," "textiles," "food" and "professional service," each had one.

There were two permanent total disabilities in which the injuries resulted in insanity and one case in which the employee sustained an injury to his spinal cord which caused paralysis. This last case involved a man 45 years of age who fell from a staging.

Four of the permanent totals involved men of advanced years. One of these was a man, 85 years of age, who fell and strained his back. The second, 73 years old, fell and fractured his shoulder. The third was 71 years old, and sustained an injury to the tendons and muscles of his forearm. The fourth, 67 years of age, an orderly in a hospital, sustained a severe heart strain while trying to restrain a patient.

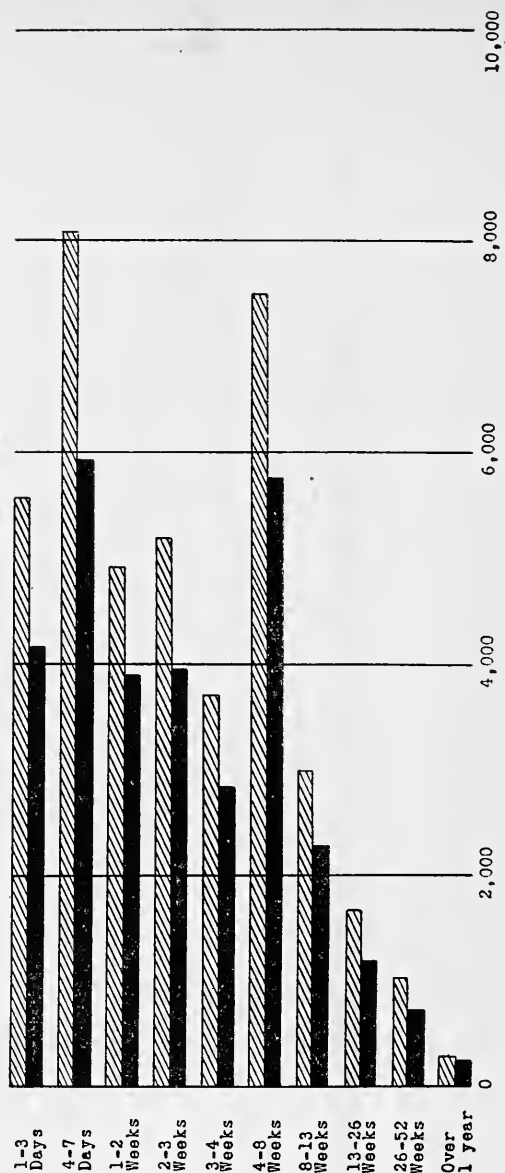
There was, also, a case in which the employee received injuries to his head and neck, which aggravated an existing arterio sclerosis.

Permanent Partial Disabilities.—"Textiles" had the highest frequency with 77 cases or 12.8 per cent; "iron and steel," with 68, or 11.3 per cent and "leather," with 59, or 9.8 per cent.

The original definition of this type of case included all injuries

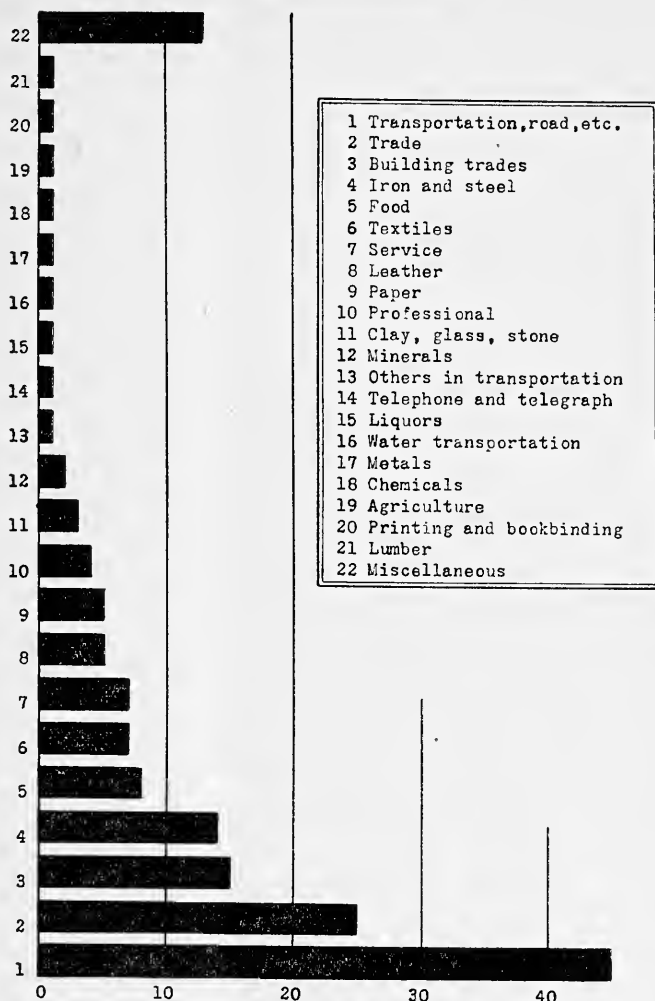
DURATION OF DISABILITY IN CASES OF TEMPORARY TOTAL DISABILITY

Comparison of year ending
June 30, 1932 with year ending June 30, 1933



less than permanent total disability which resulted in the loss of any member of the body, or part thereof, or in the permanent impairment of any function of the body. However, in a great many cases there are losses coming within this definition which were so slight that it was found necessary to modify the application of the definition. Therefore, due consideration has been given to the nature of the case in determining whether or not there should be a modification of the application of the definition.

Table VIII will give some idea of the manner in which the severity is measured. The difference in the total number of permanent partial disabilities and the total number of specific injuries (Tables XIV and XV) is due to the modification of the definition as given above.

NUMBER OF FATAL INJURIES BY INDUSTRIESJuly 1, 1932 - June 30, 1933

Temporary Total Disabilities.—The frequency order of this group of injuries occurred as printed.

TABLE IV, SEVERITY OF INJURIES, BY INDUSTRIES AND EXTENT OF DISABILITY.

This table aims to give a measure of the severity of injuries according to the actual and weighted time loss, the unit of time loss being the unit least given to fluctuating.

The weighting of the temporary total disabilities is most easily determined by using as the basis of measurement the actual number of days lost as a result of the injuries.

Under the plan adopted for the weighting of the other types of injuries, the following principles were used:

For each death and permanent total disability, a weight of six thousand days was employed as representing the average working life

expectancy. This was determined on the accident experience in several states and some practical modifications based on committee judgment.

For each permanent partial disability, an aliquot part of six thousand days, proportionate to the degree of disability resulting from the particular bodily impairment in each case.

Severity of Total Tabulatable Injuries, by Industries and Extent of Disability.

INDUSTRIES.	Totals.	Deaths.	Per- manent Total Disabil- ities.	Per- manent Partial Disabil- ities.	Tem- porary Total Disabil- ities.
Transportation, road	492,652	270,000	12,000	45,150	165,502
Trade	392,308	150,000	6,000	32,550	203,758
Building trades	271,336	90,000	12,000	37,200	132,136
Miscellaneous	199,997	78,000	—	49,650	72,347
Iron and steel	191,850	84,000	—	35,550	72,300
Textiles	190,189	42,000	6,000	55,450	86,739
Leather	151,385	30,000	—	48,500	72,885
Service	123,119	42,000	—	17,750	63,359
Food	120,298	48,000	6,000	17,100	49,198
Paper	78,730	30,000	—	22,050	26,680
Lumber	65,687	6,000	—	37,650	22,037
Professional	56,198	24,000	6,000	8,250	17,948
Clay, glass, stone	35,524	18,000	—	9,300	8,224
Printing, bookbinding	25,425	6,000	—	5,100	14,325
Agriculture	24,395	6,000	—	4,650	13,745
Chemicals	23,439	6,000	—	7,950	9,489
Minerals	20,066	12,000	—	6,000	2,066
Metals	19,632	6,000	—	6,000	7,632
Water transportation	13,988	6,000	—	—	7,988
Clothing	12,553	—	—	1,800	10,753
Liquors	9,744	6,000	—	600	3,144
Others in transportation	9,483	6,000	—	—	3,483
Telephone and telegraph	7,997	6,000	—	—	1,997
Express	5,028	—	—	—	5,028
Air transportation	304	—	—	300	4
Totals	2,541,327	972,000	48,000	448,550	1,072,777

Percentage Distribution of Lost Days and Average Days Per Case, by Industries.

INDUSTRIES.	Per Cent of Total.	Average Days per Case.
Transportation, road, etc.	19.4	112
Trade	15.4	59
Building trades	10.7	109
Miscellaneous industries	7.9	90
Iron and steel	7.5	95
Textiles	7.5	69
Leather	5.9	64
Service	4.8	60
Food	4.7	74
Paper	3.1	90
Lumber	2.6	90
Professional service	2.2	84
Clay, glass, and stone	1.4	163
Agriculture	1.0	59
Printing and bookbinding	1.0	50
Chemicals	.9	79
Minerals	.8	308
Metals	.8	71
Clothing	.5	32
Water transportation	.5	64
Liquors	.4	88
Others in transportation	.4	98
Telephone and telegraph	.3	78
Express	.2	19
Air transportation	.1	152
Totals	100.0	80

¹ Less than one-tenth of one per cent

A study of the above table indicates that the industry "minerals" contained the injuries which were of the most severe character, the average days lost per case being 308. However, it should be noted that there were only 65 cases in this industry classification, 2 being fatals for which a weighted time loss of 12,000 days is given and 3 permanent partials with a weighted time loss of 6,000 days.

The industry "liquor and beverages" showed an average time loss of 88 days as compared with 38 days per case in 1932. This may be accounted for by the fact that there was 1 fatal in 1933 and none in 1932.

Distributed Severity of Injuries.

EXTENT OF DISABILITY.		Days Lost.	Per Cent.
Deaths	.	972,000	38.2
Permanent total disabilities	.	48,000	1.9
Permanent partial disabilities	.	448,550	17.7
Temporary total disabilities	.	1,072,777	42.2
Totals	.	2,541,327	100.0

The above table indicates that under the weighted system used, deaths cover 38.2 per cent of the total time loss, although only 162 out of a total total of 31,769 cases were fatal.

TABLE V. SEX AND AGE OF INJURED IN TOTAL TABULATABLE INJURIES.

Sex of Injured.—The following table indicates that from a total of 31,769 cases, 89.2 per cent occurred among males and 3,432 or 10.8 per cent occurred among females. The experience according to the extent of disability is here shown.

Extent of Injury, by Sex.

EXTENT OF DISABILITY.	MALES.		FEMALES.	
	Number of Cases.	Per Cent.	Number of Cases.	Per Cent.
Deaths	157	.5	5	.2
Permanent total disabilities	8	.1	—	—
Permanent partial disabilities	560	2.0	42	1.2
Temporary total disabilities	27,612	97.4	3,385	98.6
Totals	28,337	100.0	3,432	100.0

¹ Less than one-tenth of one per cent

An analysis of the above table shows that males sustained 96.9 per cent of the fatal injuries, and that .5 per cent of the total injuries to them were fatal. The fatal injuries to women were .2 per cent of the total injuries sustained by them.

The permanent total injuries, all occurring to males, were less than one-tenth of one per cent. The percentages of the permanent partial and temporary total disabilities were of almost equal proportion.

Age.—The age experience for all years is considered by compressing the number, by year intervals, into groups sufficient for general explanation.

Distribution of Total Tabulatable Injuries, by Age Periods.

AGE PERIODS (YEARS) .	Number of Cases.	Per Cent.
14 and under	23	.1
15	64	.2
16	181	.6
17	340	1.1
18	618	1.9
19	802	2.5
20 to 24, inclusive	4,838	15.2
25 to 29, inclusive	4,639	14.8
30 to 34, inclusive	4,208	13.2
35 to 39, inclusive	4,049	12.7
40 to 44, inclusive	3,627	11.4
45 to 49, inclusive	2,879	9.1
50 to 54, inclusive	2,182	6.9
55 to 59, inclusive	1,492	4.7
60 to 64, inclusive	998	3.1
65 and over	779	2.5
Totals	31,769	100.0

No comment on the above table seems necessary except to state that the ages from 14 to 20 are given for the benefit of those interested in minors.

TABLE VI, TOTAL TABULATABLE INJURIES, BY INDUSTRIES AND WAGE GROUPS.

No attempt is made in the following table to give the distribution by industries, as Table VI in the Appendix contains this information.

Distribution of Tabulatable Injuries, by Wage Groups.

WAGE GROUPS	Number of Cases.	Per Cent of Total.	Cumulative Per Cent.
Under \$10.00	2,145	6.8	6.8
\$10.00 to \$10.99	1,040	3.3	10.1
\$11.00 to \$11.99	630	2.0	12.1
\$12.00 to \$12.99	1,549	4.9	17.0
\$13.00 to \$13.99	832	2.6	19.6
\$14.00 to \$14.99	950	3.0	22.6
\$15.00 to \$15.99	1,795	5.7	28.3
\$16.00 to \$16.99	1,128	3.6	31.9
\$17.00 to \$17.99	937	2.9	34.8
\$18.00 to \$18.99	1,816	5.7	40.5
\$19.00 to \$19.99	911	2.9	43.4
\$20.00 to \$20.99	1,956	6.2	49.6
\$21.00 to \$21.99	989	3.1	52.7
\$22.00 to \$22.99	1,111	3.5	56.2
\$23.00 to \$23.99	702	2.2	58.4
\$24.00 to \$24.99	1,424	4.5	62.9
\$25.00 to \$25.99	2,077	6.5	69.4
\$26.00 to \$26.99	559	1.8	71.2
\$27.00 to \$27.99	1,094	3.4	74.6
\$28.00 to \$28.99	881	2.8	77.4
\$29.00 to \$29.99	388	1.2	78.6
\$30.00 to \$30.99	1,825	5.7	84.3
\$31.00 to \$31.99	355	1.1	85.4
\$32.00 to \$32.99	487	1.5	86.9
\$33.00 to \$33.99	324	1.0	87.9
\$34.00 to \$34.99	238	.7	88.6
\$35.00 and over	3,626	11.4	100.0
Totals	31,769	100.0	

This year as well as last, the group of "\$35.00 and over," is the largest with 3,626 cases or 11.4 per cent of the total. This is, however, 6.7 per cent less than last year and 11.7 per cent less than for the year ending June 30, 1930.

There was a corresponding increase, from 3.1 per cent in 1932 to 6.8 per cent in 1933, in the number of employees who were receiving less than \$10.00 a week. During the year ending June 30, 1930, this group was only 1.4 per cent of the total.

The number of cases in which the employees received the maximum weekly compensation of \$18.00 a week decreased from 42.5 per cent in 1932 to 28.8 per cent in 1933.

TABLE VII, LOCATION OF INJURY, BY NATURE OF INJURY.

Distribution of Tabulatable Injuries, by Location of Injury.

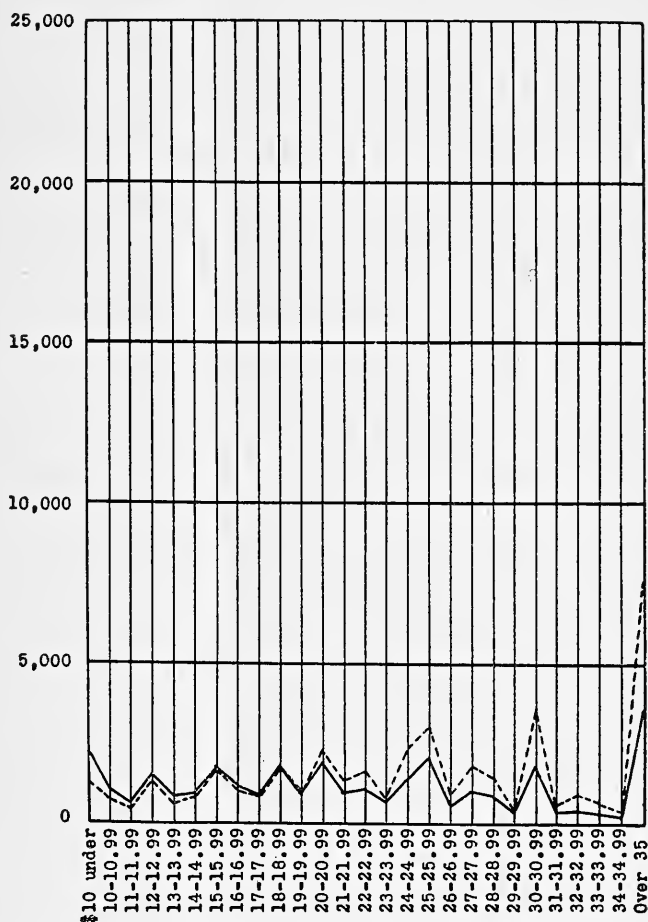
LOCATION OF INJURY.	Number of Cases.	Per Cent.
Upper extremities	12,959	40.8
Lower extremities	8,259	26.0
Trunk	6,890	21.7
Head	1,763	5.5
Face and neck	946	3.0
Body	952	3.0
Totals	31,769	100.0

It will be observed that of a total of 31,769 injuries, 12,959 or 40.8 per cent affected the upper extremities.

From the medical aspect in particular, and for information in general, the following table, which shows the number of tabulatable injuries, by location and nature of injury, will prove of interest.

NUMBER OF TOTAL TABULATABLE INJURIES BY WAGE GROUP

Comparison of year ending
June 30, 1932 with year ending June 30, 1933

*Distribution of Tablatable Injuries, by Location and Nature of Injury*

NATURE OF INJURY.	Head.	Face and Neck.	Trunk	Upper Extremities.	Lower Extremities.	Body.	Totals
Cuts, punctures, etc.	566	344	59	6,641	1,479	17	9,106
Sprains and strains	4	36	5,046	1,144	2,039	43	8,312
Abrasions, bruises, etc.	233	120	778	1,730	2,531	269	5,581
All other	657	92	626	871	856	358	3,460
Fractures	60	48	378	1,062	1,081	-	2,609
Burns and scalds	144	219	30	636	195	45	1,269
Occupational diseases	9	87	4	316	17	265	698
Amputations, loss of use	46	-	-	472	23	-	541
Dislocations	-	-	8	87	38	-	133
Concussions	44	-	1	-	-	-	45
Electric shocks	-	-	-	-	-	15	15
Totals	1,763	946	6,890	12,959	8,259	952	31,769

TABLE VIII, LOCATION, BY NATURE OF INJURY AND EXTENT OF DISABILITY.

This table shows the tabulatable injuries, by nature of injury and duration of disability, including the percentage distribution. The location of injury is not given in this analysis.

Total Tabulatable Injuries, by Nature of Injury and Extent of Disability, Including Percentage Distribution.

NATURE OF INJURY.	Totals.	Per Cent.	Deaths.	Per- manent Total Disabili- ties.	Per- manent Partial Disabili- ties.	Tem- porary Total Disabili- ties.
Cuts, punctures, etc.	9,106	28.6	6	1	3	9,096
Sprains and strains	8,312	26.2	8	1	5	8,298
Abrasions, bruises, etc.	5,581	17.6	6	1	1	5,573
All other	3,460	10.9	56	2	5	3,397
Fractures	2,609	8.2	40	1	25	2,543
Burns and scalds	1,269	4.0	15	—	1	1,253
Occupational diseases	698	2.2	16	—	21	661
Amputations, loss of use	541	1.7	4	—	537	—
Dislocations	133	.4	—	—	2	131
Concussions	45	.1	3	2	2	38
Electric shocks	15	—	8	—	—	7
Totals	31,769	100.0	162	8	602	30,997

¹ Less than one-tenth of one per cent

TABLE IX, INFECTION, BY NATURE OF INJURY AND EXTENT OF DISABILITY.

A comparison of the statistics of infections shows that there were 1,119 less cases than in 1932. Experience of the Board shows that for the past four years, one out of every ten tabulatable injuries resulted in an infection. The reason for this rather strange ratio can be more or less charged to the individual.

Investigation made by the Department of Labor and Industries has indicated that in the greater majority of cases facilities for first aid treatment were available, but that the employees neglected to make use of them.

Infection, by Nature of Injury and Extent of Disability.

NATURE OF INJURY.	Totals.	Deaths.	Permanent Partial Disabilities.	Temporary Total Disabilities.
Cuts, punctures, lacerations	2,013	6	1	2,006
Abrasions, bruises, contusions	432	3	—	429
All other	420	1	2	417
Burns and scalds	80	—	—	80
Amputations, loss of use	31	—	31	—
Fractures	6	2	—	4
Sprains and strains	3	—	1	2
Totals	2,985	12	35	2,938

According to the above table 2,985 cases of infection ensued from injuries. This is 9.4 per cent of the total tabulatable injuries.

TABLE X, CAUSES OF INJURIES, BY EXTENT OF DISABILITY.

This table presents the accident experience with such detail as resources permit, showing by detailed causes the relative extent of different types of injuries due to assigned causes. The table also shows the weighted severity of injuries, based on time loss.

For each cause enumerated, the following information is given:

Number of tabulatable injuries:	Days lost due to:
Total cases	Total cases
Deaths	Deaths
Permanent total disabilities	Permanent total disabilities
Permanent partial disabilities	Permanent partial disabilities
Temporary total disabilities	Temporary total disabilities
7 days and under	7 days and under
1 to 2 weeks	1 to 2 weeks
2 to 3 weeks	2 to 3 weeks
Over 3 weeks	Over 3 weeks

Condensed information of the detailed table follows:

Total Tabulatable Injuries, by Cause of Injury and Extent of Disability.

CAUSE OF INJURY.	Totals.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	Temporary Total Disabilities.
Handling of objects	9,484	15	1	85	9,383
Falls of persons	5,870	21	4	27	5,818
Machinery	4,184	10	—	365	3,809
Hand tools	2,476	3	1	41	2,431
Vehicles	2,453	49	—	19	2,385
Stepping on or striking against objects	2,261	4	—	3	2,254
Miscellaneous causes	1,537	13	1	15	1,508
Falling objects, not being handled by em- ployee	1,339	6	1	15	1,317
Explosions, electricity, etc.	1,284	24	—	11	1,249
Occupational diseases	698	16	—	21	661
Animals	183	1	—	—	182
Totals	31,769	162	8	602	30,997

The above table, in condensed form, shows for each printed cause group the total number of injuries and the distribution by extent of the resulting disability.

In the occupational disease group, there was one case of asbestosis in which the employee was totally disabled for only ten days, although he is still partially disabled.

The following table shows by percentage distribution the information conveyed above, and may be better used for purposes of comparison.

Distribution of Causes, by Per Cents.

CAUSE OF INJURY.	Totals.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	Temporary Total Disabilities.
Handling of objects	29.9	9.3	12.5	14.1	30.3
Falls of persons	18.5	13.0	50.0	4.5	18.8
Machinery	13.2	6.2	—	60.6	12.3
Hand tools	7.8	1.8	12.5	6.8	7.8
Vehicles	7.7	30.2	—	3.2	7.7
Stepping on or striking against objects	7.1	2.5	—	.5	7.3
Miscellaneous causes	4.8	8.0	12.5	2.5	4.9
Falling objects, not being handled by employee	4.2	3.7	12.5	2.5	4.2
Explosions, electricity, etc.	4.0	14.8	—	1.8	4.0
Occupational diseases	2.2	9.9	—	3.5	2.1
Animals . . . . .	.6	.6	—	—	.6
Totals	100.0	100.0	100.0	100.0	100.0

The cause group in which the highest number of accidents occurred was "handling of objects," with 29.9 per cent, followed by "falls of persons," with 18.5 per cent.

Distribution of Causes, by Resultant Days Lost.

CAUSE OF INJURY.	Totals.	Per Cent.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	Temporary Total Disabilities.
Handling of objects	455,311	17.9	90,000	6,000	47,400	311,911
Falls of persons	442,053	17.4	126,000	24,000	33,300	255,753
Machinery	438,900	17.3	60,000	—	245,150	133,750
Vehicles	414,321	16.3	294,000	—	22,000	98,321
Explosions, electricity, etc.	193,156	7.6	144,000	—	14,700	34,456
Occupational diseases	146,621	5.6	96,000	—	12,600	38,021
Miscellaneous causes	125,932	4.9	78,000	6,000	8,250	33,682
Hand tools	124,364	4.9	18,000	6,000	49,650	50,714
Falling objects, not being handled by employee	113,240	4.5	36,000	6,000	11,600	59,640
Stepping on or striking against objects	74,814	2.9	24,000	—	900	49,914
Animals	12,615	.5	6,000	—	—	6,615
Totals	2,541,327	100.0	972,000	48,000	448,550	1,072,777

As indicated above, the most serious cause of injury, as measured in terms of time lost, is "handling of objects," with 17.9 per cent of the total. The estimated loss on this account, as shown by the above table, was 455,311 days.

The per centage increase in the number of days lost in the group "occupational diseases" is due, in part, to the fact that there were 16 fatalities this year and only 13 last year, which is a weighted time loss increase of 18,000 days.

Average Time Loss per Case, by Principal Causes.

CAUSE OF INJURY.	Average Days per Case.
Occupational diseases	210
Vehicles	169
Explosions, electricity, etc.	150
Machinery	105
Miscellaneous causes	82
Falling objects, not being handled by employee	84
Falls of persons	75
Animals	69
Hand tools	50
Handling of objects	48
Stepping on or striking against objects	33

In considering these figures the fact should be remembered that the units cover all cases, including deaths, permanent total, permanent partial, and temporary total disabilities. If more detailed analysis is desired to meet particular questions, reference should be made to the Appendix under this table heading.

TABLE XI, MACHINERY—FREQUENCY OF INJURIES, BY MANNER OF OCCURRENCE AND BY PART OF MACHINE.

The number of machine accidents, according to the cause and the percentage of the total, is given in the following table:

Machine Accidents, by Manner of Occurrence.

MANNER OF OCCURRENCE.	Number of Cases.	Per Cent of Total.
Starting, stopping, or operating machine	2,024	53.4
All other.	799	21.1
Adjusting machine, tool, or work	301	7.9
Cleaning or oiling machine	244	6.4
Flying objects	210	5.5
Breaking of machine, tool, or work	157	4.2
Repairing machine	57	1.5
Totals	3,792	100.0

Of the 3,792 machine accidents, 2,024 or 53.4 per cent occurred while "starting, stopping, or operating machine." There were 1,871 of these cases that occurred at the "point of operation."

Machine Accidents, by Part of Machine.

PART OF MACHINE.	Number of Cases.	Per Cent of Total.
Point of operation	2,635	69.5
All other.	877	23.1
Belts	156	4.1
Gears	93	2.5
Cranks and eccentrics	16	.4
Flywheels	8	.2
Set screws, keys, and bolts	4	.1
Counterweights	3	.1
Totals	3,792	100.0

TABLE XII, CONDITION OF DEPENDENTS IN UNINSURED FATAL CASES.

This table shows in detail, when the information was obtainable, the industry, occupation, age, wage, amount payable under the Act in analogous cases, dependents, settlement, and financial condition of the family. Analysis of the facts in the table is not made here, but will be found in a separate chapter devoted to the subject under this heading.

DISTRIBUTION OF INJURIES

Comparison of year ending

June 30, 1932 with year ending June 30, 1933

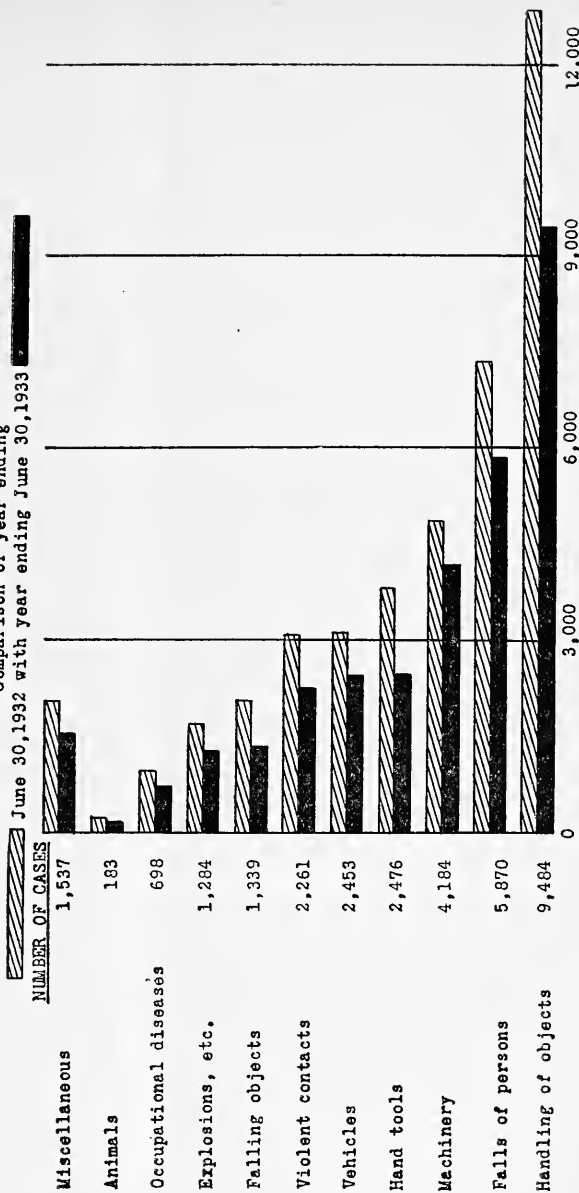


TABLE XIII, CONJUGAL CONDITION AND DEPENDENCY IN CASES OF FATAL INJURIES.

The conjugal condition of the employees fatally injured, the extent of dependency according to the number of persons dependent are considered in the following paragraphs:

Conjugal Condition in Fatal Cases.

CONDITION.	Number of Cases.	Per Cent.
Single	25	15.4
Married	125	77.2
Widowed	9	5.6
Divorced	3	1.8
Totals	162	100.0

Of the 125 cases in which the employees were married, 123 involved total dependency, 1 partial dependency, and one no dependency.

There were 25 cases in which the employees were single. Total dependency was involved in 6 cases, partial dependency in 11 cases and in the remaining 8 cases there was no dependency.

In the remaining 12 cases, 9 were widowed and 3 divorced.

TABLE XIV, SPECIFIC INJURY CASES, BY AGE OF PERSONS INJURED.

This table indicates that there were 537 cases of specific injuries. In 63, or 11.7 per cent, the employees were more than 55 years of age; 1 or .2 per cent, occurred among children under 16 years of age.

The number of injuries to minors decreased from 14 in 1932 to 6 in 1933.

Specific Injuries.

TYPE OF INJURY.	Number of Cases.	Per Cent of Total.
One or more fingers, 1 phalange	336	62.6
One eye	45	8.4
Two or more fingers, 2 or more phalanges	41	7.6
Right or major index finger, 2 or more phalanges	26	4.8
Right or major thumb, 1 phalange	18	3.3
Right or major index finger, at second joint and one or more fingers	14	2.6
One toe	13	2.4
Right or major hand or arm	10	1.9
Left or minor hand or arm	10	1.9
Right or major thumb, 2 or more phalanges	6	1.1
One foot or leg	5	.9
Right or major thumb at second joint and 1 or more fingers	4	.7
Right or major thumb at first joint and 1 or more fingers	3	.6
Two or more toes	3	.6
Right or major thumb and index finger, 2 or more phalanges	1	.2
Two or more fingers or thumbs on both hand	1	.2
One foot or leg and 2 or more toes	1	.2
Totals	537	100.0

The group "one finger or thumb", continues to be the largest numerically of all the groups classified within this table. Included within this classification are all finger injuries, except those occurring to the right or major thumb and index finger, in which there is a loss either by amputation or the equivalent loss of use, of less than two phalanges of one or more fingers. In other words, this group includes specified injuries to both one finger and left or minor thumb, and other such injuries which do not come within the higher classification, "two or more fingers, two or more phalanges".

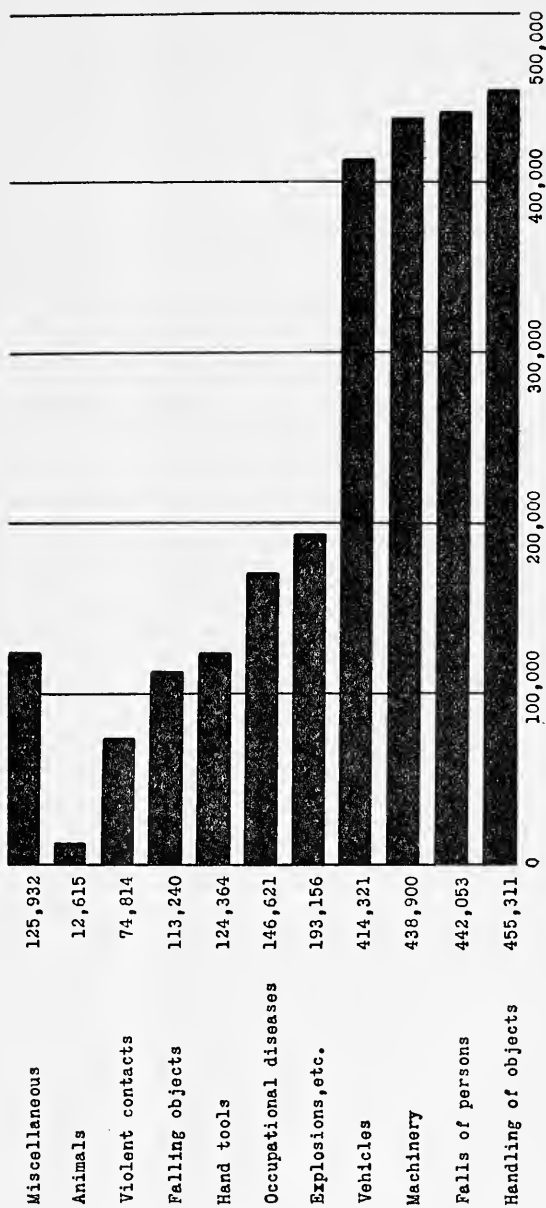
None of the specific injury cases warranted being rated as a permanent total disability.

TABLE XV, SPECIFIC INJURY CASES, BY CAUSES.

There were 357 cases, or 66.3 per cent of the total specific injuries, which occurred on machinery. This is an increase of 6.5 per cent as compared with 1932.

In the group "one finger or thumb," there were 336 cases. There were 236 of these cases which were due to machinery and 198, or 83.9 per cent occurred at the "point of operation."

DURATION OF INJURIES
NUMBER OF DAYS LOST



Percentage Distribution of Specific Injury Cases, by Causes.

CAUSE OF INJURY.	Number of Cases.	Per Cent of Total.
Machinery	357	66.5
Handling of objects	79	14.7
Hand tools	41	7.6
Vehicles	14	2.6
Miscellaneous causes	14	2.6
Falling objects, not being handled by employee	14	2.6
Fires, explosions, electricity, etc.	9	1.7
Falls of persons	6	1.1
Stepping on or striking against objects	3	.6
Totals	537	100.0

Distribution of Specific Injuries to Eye, by Causes.

CAUSE OF INJURY.	Number of Cases.	CAUSE OF INJURY.	Number of Cases.
Hand tools	24	Handling of objects	2
Machinery	9	Miscellaneous causes	2
Fires, explosions, electricity, etc.	3	Falls of persons	1
Vehicles	2		
Falling objects not being handled by injured	2	Total	45

DEPENDENCY IN FATAL CASES NOT INSURED UNDER THE ACT.

From July 1, 1932 to June 30, 1933, there were 18 non-insured fatal cases. The dependents in these cases obtained their relief by settlement, voluntary agreement, or through legal procedure.

The information contained below was obtained by questionnaires sent to the dependents or by personal interview.

Not Insured Fatal Injuries, by Industries.

INDUSTRIES.	Number of Cases.	INDUSTRIES.	Number of Cases.
Steam railroads	7	Machinery	1
Building trades	5	Telephone and telegraph	1
Wholesale and retail trade	1	Street railway	1
Stevedores	1		
Shipbuilding	1	Total	18

The average age of the employees at the time of death was 43 years and the average weekly wages were \$33.58.

Subject to the provisions of the Act, the possible total payment to dependents in these cases is \$99,950.00. In all but one case dependency was total and in each of such cases the maximum payment possible, according to the number of dependents, is between \$4,000.00 and \$6,400.00. In the one "no dependency" case, \$250.00 would have been due, \$150.00 for funeral expenses and \$100.00 to the Commonwealth in accordance with G. L. c. 152, s. 65.

In only 11 of these cases were we able to obtain accurate figures as to the actual amount paid by non-insured employers to the dependents of their fatally injured employees. The amount paid was \$79,095.00, or an average of \$7,190.00 per case. While the average recovery seems high compared to the statutory dependency compensation maximum provided in the Workmen's Compensation Act, it should be borne in mind that the payments in these uninsured cases constitute the entire recovery, out of which all expenses must be paid, medical, legal, etc., whereas, payments under the Act are exclusive of medical payments, attorneys' fees limited to reasonable amounts, and no costs of proceedings are involved. Further, the payments are prompt and certain under the Act, as against the protracted litigation and doubtful result involved in the uninsured cases.

A statistical tabulation of these cases follows:

Industry and occupation	Age	Wages	Dependents and Amount	Settlement
			Payable in Analogous Cases	
Steam railroad, inspector	49	\$31.54	Widow and 2 children (\$5,600.00)	\$ 8,500.00
Steam railroad, inspector	46	\$31.97	Widow and 7 children (\$6,400.00)	\$ 7,000.00
Steam railroad, fireman	51	\$37.63	Widow (\$4,000.00)	\$ 8,900.00
Steam railroad, engineer	58	\$47.36	Widow and 1 child . (\$4,800.00)	\$ 8,900.00
Steam railroad, yard helper	47	\$35.64	Two children . . . (\$4,000.00)	\$ 8,000.00
Steam railroad, lampman	50	\$20.16	Widow	\$ 295.00
Steam railroad, foreman	46	\$39.84	Widow and 2 children (\$5,600.00)	\$20,000.00
Stevedores, longshoreman	42	\$15.00	Widow and 8 children (\$6,400.00)	\$ 5,000.00
Shipbuilding, rigger	60	\$27.46	Widow and 1 child . (\$4,800.00)	\$ 4,800.00
Street railway, laborer	38	\$21.00	Widow and 2 children (\$5,600.00)	\$ 2,700.00
Telephone and telegraph, lineman	38	\$43.00	Widow (\$4,000.00)	\$ 5,000.00
Totals			\$55,200.00	\$79,095.00

An analysis of dependency is of value in uninsured cases in showing upon whom the burden fell.

Dependency in Uninsured Cases.

DEPENDENTS	Number of Cases.	DEPENDENTS.	Number of Cases.
Widow and 8 children	2	Widow	6
Widow and 7 children	1	Two children	1
Widow and 2 children	5	No dependents	1
Widow and 1 child	2		
		Total	18

THE MEDICAL DIVISION.

The work accomplished by the Medical Division of the Board, under the supervision of its medical adviser,¹ is briefly presented in this chapter. A more detailed statement of the work and functions of this department will be found in the sixth annual report.

Insurers under the Workmen's Compensation Act paid out for medical and hospital services during the period, July 1, 1932 to June 30, 1933, the sum of \$1,892,595.46. This sum represents 32.3 per cent of the total payments of the year. During this period, 79,068 injured employees were furnished either medical or hospital treatment at the expense of the insurance companies.

Many problems have grown out of the large number of cases which have required the advice and assistance of the Medical Division, including advice as to the reasonableness of the charges of physicians and hospitals in disputed cases, adequacy of the treatment provided, additional treatment beyond the first two weeks after the injury, whether the employee's incapacity for work as a result of the injury had terminated in whole or in part, and other medical questions.

Impartial physicians are appointed by the members of the Board. During the year covered by this report, 3,353 impartial examinations have been made at a total cost of \$24,723.00. In addition to this sum \$639.03 was paid out on account of services of impartial physicians at hearings upon disputed cases, and for hospital records obtained by the Board.

The medical work of the Board has been administered from the viewpoint that employees are entitled to adequate medical and hospital treatment, but that the cost of such treatment should be reasonable.

¹ Francis D. Donoghue, M. D.

AMENDMENTS TO THE WORKMEN'S COMPENSATION ACT.

The following amendments were enacted during the 1933 and 1934 sessions.

Chapter one hundred and fifty-two of the General Laws, as so appearing, is hereby amended by striking out section sixty-nine and inserting the following:

Section 69. The commonwealth and any county, city, town or district having the power of taxation which has accepted chapter eight hundred and seven of the acts of nineteen hundred and thirteen, and any county or district maintaining a hospital established under sections seventy-eight to ninety, inclusive, of chapter one hundred and eleven, if the trustees of said hospital accept the provisions of this section, shall pay to laborers, workmen and mechanics employed by it who receive injuries arising out of and in the course of their employment, or, in case of death resulting from such injury, to the persons entitled thereto, the compensation provided by this chapter. Compensation payable under this chapter to an injured employee of the commonwealth who receives full maintenance in addition to his cash salary or wage, and compensation payable thereunder to his dependents in case of his death, shall be based upon his average weekly wages plus the sum of seven dollars per week in lieu of the full maintenance received by him. Sections seventy to seventy-five, inclusive, shall apply to the commonwealth and to any county, city, town, or district having the power of taxation which has accepted said chapter eight hundred and seven, and to any county or district maintaining a hospital established under said sections seventy-eight to ninety, inclusive, if the trustees of said hospital accept the provisions of this section. The terms laborers, workmen and mechanics, as used in sections sixty-eight to seventy-five, inclusive, shall include foremen, subforemen and inspectors of the commonwealth or of any such county, city, town or district, to such extent as the commonwealth or such county, city, town or district, acting respectively through the governor and council, county commissioners, city council, the qualified voters in a town or district meeting, or the trustees of such hospital, shall determine, as evidenced by a writing filed with the department." (*Approved July 7, 1933, in effect October 5, 1933.*)

Chapter one hundred and fifty-two of the General Laws is hereby amended by inserting after section sixty-nine, as appearing in the Tercentenary Edition thereof, the following new section:—Section 69A. No compensation shall be paid by the commonwealth under this chapter without the previous written consent of the attorney general or an order of the department or member thereof, and no such order shall be entered until the attorney general has been given an opportunity to appear and be heard on behalf of the commonwealth. (*Approved July 7, 1933, in effect October 5, 1933.*)

Section fifty-five of chapter one hundred and fifty-two of the General Laws, as appearing in the Tercentenary Edition thereof, is hereby amended by striking out the second paragraph and inserting in place thereof the following:—

Any policy of insurance issued in violation of this section or of any other provision of this chapter shall nevertheless be valid and binding upon the company issuing it, and the rights, duties and obligations of the parties thereto shall be determined by this chapter and chapter one hundred and seventy-five. (*Approved April 6, 1934, in effect August 4, 1934.*)

Section thirty-one of chapter one hundred and fifty-two of the General Laws, as appearing in the Tercentenary Edition, is hereby amended by inserting after the word "week," in the twenty-third line the following new sentence: If there is no surviving wife or husband

of the deceased employee, such amount or amounts as would have been payable under this section to or for the use of a widow and for the benefit of all such children of the employee, shall be paid in equal shares to all such surviving children of the employee, so that the first paragraph will read as follows:

If death results from the injury, the insurer shall pay the following dependents of the employee, including his children by a former wife, wholly dependent upon his earnings for support at the time of his injury, compensation as follows, payable, except as hereinafter provided, in the manner set forth in section thirty-two:

To the widow, so long as she remains unmarried, ten dollars a week if and so long as there is no child of the employee, who is under the age of eighteen, or over said age and physically or mentally incapacitated from earning; to or for the use of the widow and for the benefit of all children of the employee, twelve dollars a week if and so long as there is one such child, and two dollars more a week for each such additional child; provided, that in case any such child is a child by a former wife the death benefit shall be divided between the surviving wife and all living children of the deceased employee in equal shares, the surviving wife taking the same share as a child. If the widow dies, such amount or amounts as would have been payable to or for her own use and for the benefit of all children of the employee shall be paid in equal shares to all the surviving children of the employee. If the widow remarries, all payments under the foregoing provisions shall terminate and the insurer shall pay each week to each of the children of the employee, if and so long as there are more than five, his or her proportionate share of eighteen dollars and shall pay each of such children, if and so long as there are five or less, three dollars a week. If there is no surviving wife or husband of the deceased employee, such amount or amounts as would have been payable under this section to or for the use of a widow and for the benefit of all such children of the employee, shall be paid in equal shares to all such surviving children of the employee. The total amount of payments under this section shall not be more than sixty-four hundred dollars and said payments shall not continue more than four hundred weeks. When weekly payments have been made to an injured employee before his death, compensation under the foregoing provisions of this section shall begin from the date of the death of the employee, but shall not amount to a total of more than sixty-four hundred dollars, including such payments as were made to the injured employee before his death, and shall not continue for more than four hundred weeks, including weeks during which payments were made to the injured employee before his death. (Approved May 31, 1934, in effect August 29, 1934.)

Section fifteen A of chapter one hundred and fifty-two of the General Laws, as appearing in the Tercentenary Edition, is hereby amended by adding at the end the following:—If, however, said insurers cannot agree that such employee would be entitled to compensation irrespective of the existence of such controversy, then a hearing to determine the question of liability and the payment of compensation shall be held forthwith by the department, such hearing to take precedence over other pending matters,—so as to read as follows:—

Section 15A. If one or more claims are filed for an injury and two or more insurers, any one of which may be held to be liable to pay compensation therefor, agree that the injured employee would be entitled to receive such compensation but for the existence of a controversy as to which of said insurers is liable to pay the same, such one of said insurers as they may mutually agree upon or as may be selected by a single member of the board shall pay to the injured employee the compensation aforesaid, pending a final decision of the board as to the matter in controversy, and such decision shall require that the amount of compensation so paid shall be deducted from the award if made against another insurer and

be paid by said other insurer to the insurer agreed upon or selected by the single member as aforesaid. If, however, said insurers cannot agree that such employee would be entitled to compensation irrespective of the existence of such controversy, then a hearing to determine the question of liability and the payment of compensation shall be held forthwith by the department, such hearing to take precedence over other pending matters. (Approved May 31, 1934, in effect August 29, 1934.)

Section twenty-eight of chapter one hundred and fifty-two of the General Laws, as so appearing, is hereby amended by adding at the end the following:—The employment of any minor, known to be such, in violation of any provision of sections 60 to 74, inclusive, or of section one hundred and four of chapter one hundred and forty-nine shall constitute serious and wilful misconduct under this section,—so as to read as follows:—

Section 28. If the employee is injured by reason of the serious and wilful misconduct of an insured person or of any person regularly intrusted with and exercising the powers of superintendence, the amounts of compensation hereinafter provided shall be doubled. In such case the insured shall repay to the insurer the extra compensation paid to the employee. If a claim is made under this section the insured may appear and defend against such claim only. The employment of any minor, known to be such, in violation of any provision of sections sixty to seventy-four, inclusive, or of section one hundred and four of chapter one hundred and forty-nine shall constitute serious and wilful misconduct under this section. (Approved June 12, 1934, in effect September 10, 1934.)

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STATISTICAL TABLES.

TABLE I. — *Total Tabulatable Injuries, by Industries and Cases Insured and not Insured, July 1, 1932 to June 30, 1933.*

INDUSTRIES.	Insured.	Not Insured.	Total.
Agriculture, Forestry, and Animal Husbandry.	496	5	411
Agriculture	215	4	299
Forestry	62	1	63
Animal husbandry	23	—	23
Ice harvesting	21	—	21
Extraction of Minerals.	62	3	65
Quarrying	62	3	65
Building Trades.	2,477	13	2,490
Hand trades	2,477	13	2,490
Chemical and Allied Products.	295	1	296
Fertilizers	20	—	20
Paints, varnish and japanning	46	—	46
Powder, cartridges, fireworks, etc., makers	17	—	17
Soap makers	56	—	56
Other chemical workers	156	1	157
Clay, Glass and Stone Products.	212	5	217
Brick makers	36	—	36
Potteries	3	—	3
Tile makers	3	—	3
Glass makers, workers	38	—	38
Lime, cement and gypsum	30	—	30
Marble and stone cutters	98	5	103
Mica, isinglass	4	—	4
Clothing.	376	10	386
Clothing makers	297	10	289
Corset makers	9	—	9
Hat makers, wool or felt	54	—	54
Shirt, collar and cuff makers	34	—	34
Food and Kindred Products.	1,617	3	1,620
Bakery, bread and other bakery products	489	2	491
Butter and cheese makers	67	—	67
Candy, confectionery	201	—	201
Fish curers and packers	143	1	144
Flour and grain mills	5	—	5
Fruit and vegetable canners	11	—	11
Slaughter and packing houses	458	—	458
Sugar makers and refiners	53	—	53
Other food preparers	190	—	190
Iron and Steel and Their Products	1,883	138	2,021
Automobile factories	241	—	241
Car and railroad shops	7	1	8
Foundries and metal working, tools, forging	681	54	735
Manufacture of aeroplanes	1	—	1
Ship and boat building	55	82	137
Wagons and carriages	1	—	1
Other iron and steel workers	897	1	898
Leather and Its Finished Products.	2,338	13	2,351
Harness and saddle makers and repairers	2	—	2
Leather belt, leather case, pocketbook makers	59	2	61
Shoes	1,568	7	1,515
Tanneries	761	4	765
Trunk makers	8	—	8
Liquors and Beverages.	111	—	111
Breweries	10	—	10
Distilleries	1	—	1
Other liquor and beverage workers	100	—	100
Lumber and Its Re-manufacture.	718	8	726
Boxmakers (wood)	86	1	87
Furniture	274	2	276
Pianos and organs	16	—	16
Saw and planing mills	49	3	52
Other woodworkers	293	2	295
Metals and Metal Products Other than Iron and Steel.	272	3	275
Brass mills	20	—	20
Clock factories	12	—	12
Copper factories	33	—	33

TABLE I. — *Total Tabulatable Injuries, by Industries and Cases Insured and not Insured, July 1, 1932 to June 30, 1933 — Concluded.*

INDUSTRIES.	Insured.	Not Insured.	Total.
Meta's and Metal Products Other than Iron and Steel—Con.			
Gold and silver factories	46	—	46
Jewelry factories	38	2	40
Lead and zinc factories	48	—	48
Tin-plate factories	35	—	35
Watch factories	11	—	11
Copper and brass factories	17	—	17
Other metal workers	12	1	13
Paper	874	1	875
Box makers (paper)	142	—	142
Makers of blank books, envelopes, tags, labels, paper bags	91	1	92
Paper and pulp mills	382	—	382
Other paper goods	259	—	259
Printing and Bookbinding	490	13	503
Printing and publishing establishments	490	13	503
Textiles	2,697	55	2,752
Carpet mills	26	1	27
Cotton mills	830	47	877
Dyeing and finishing textiles	285	—	285
Hemp and jute mills	18	—	18
Knitting mills	137	—	137
Linen mills	26	—	26
Print works	70	2	72
Rope and cordage factories, twine	13	—	13
Sail, awning and tent makers	9	—	9
Silk mills	101	4	105
Woolen mills, worsted mills	949	1	950
Not specified textile workers	233	—	233
Miscellaneous Industries.	2,196	18	2,214
Broom and brush makers	12	—	12
Button makers	5	—	5
Cigars and tobacco	19	—	19
Electric light and power companies	214	—	214
Electric supplies	367	3	370
Gas works	192	—	192
Oil works	245	—	245
Rubber factories	515	2	517
Straw workers	7	—	7
Gas and electric companies	74	—	74
Other miscellaneous industries and occupations	546	13	559
Water Transportation	191	26	217
Water transportation	191	26	217
Transportation, Road, Etc.	4,041	349	4,390
Construction, and maintenance of roads, street, etc.	2,367	32	2,399
Livery stables	9	—	9
Truck, transfer cab and hack companies, garages	1,344	20	1,364
Street railways	321	43	364
Steam railroads	—	254	254
Express Companies.	104	152	256
Express companies	104	152	256
Telephone and Telegraph.	—	103	103
Telephone and telegraph	—	103	103
Aeroplane Transportation.	2	—	2
Aeroplane transportation	2	—	2
Other Persons in Transportation.	95	2	97
Other persons in transportation	95	2	97
Trade.	6,446	235	6,681
Banking and brokerage	74	—	74
Insurance	127	13	140
Real estate	313	3	316
Wholesale and retail trade	5,718	219	5,937
Elevators	29	—	29
Warehouses and cold-storage plants	113	—	113
Other persons in trade	67	—	67
Clerical assistants, (industry, business or profession not specified)	5	—	5
Professional Service.	630	35	665
Professional service	630	35	665
Domestic and Personal Service.	2,029	16	2,045
Occupations not in industries	1,719	14	1,733
Laundry and laundry work	310	2	312
Grand total	30,562	1,207	31,769

TABLE II. — *Insurance Transactions Under the Act, filed by Insurance Companies on Injuries Reported for the Year, July 1, 1932 to June 30, 1933.*

Number of employees who lost no time from work, but required medical services	50,171	
Payments made		\$435,813 02
Outstanding payments		39,016 88
		<hr/> \$474,859 90
Number of employees who were not disabled more than seven days, but required medical services	8,125	
Payments made		\$107,409 95
Outstanding payments		9,646 95
		<hr/> \$117,056 90
Number of employees receiving compensation only	2,397	
Payments made		\$189,449 97
Outstanding payments		44,295 21
		<hr/> \$224,745 18
Number of employees requiring both medical services and compensation	18,238	
Medical payments made		\$978,886 22
Medical payments outstanding		315,526 79
		<hr/> \$1,294,413 01
Compensation payments made		1,835,484 21
Compensation payments outstanding		1,430,501 40
		<hr/> \$3,265,985 61
Number of employees requiring neither medical services nor compensation	19,498	
Total dependency fatalities	114	
Compensation payments made		\$44,986 52
Outstanding compensation payments		398,561 38
		<hr/> \$443,547 90
Partial dependency fatalities	16	
Compensation payments made		\$5,602 01
Outstanding compensation payments		22,642 27
		<hr/> \$28,244 28
No dependency fatalities	7	
Compensation payments made		\$400 00
Outstanding compensation payments		1,350 00
		<hr/> \$1,750 00
<hr/>		
Number of fatal cases reported to insurers		137
Number of non-fatal cases reported to insurers		98,429
Total number reported to insurers		<hr/> 98,566
Total medical paid		\$1,524,974 99
Total medical outstanding		367,620 47
		<hr/> \$1,892,595 46
Total fatal compensation paid		\$50,988 53
Total fatal compensation outstanding		422,553 65
		<hr/> \$473,542 18
Total non-fatal compensation paid		\$2,015,934 18
Total non-fatal compensation outstanding		1,474,796 61
		<hr/> \$3,490,730 79
Total payments made		\$3,591,897 70
Total payments outstanding		2,264,970 73
		<hr/> \$5,856,868 43

TABLE III. — *Frequency of Injuries, by Industry and Extent of Disability, July 1, 1932, to June 30, 1933*

INDUSTRIES.	NUMBER OF TABULATABLE INJURIES.																Per- manent Dis- abil- ities.	Per- man- ent Partial Dis- abil- ities.	Total. Deaths.	TEMPORARY DISABILITIES.											Over 1 Year. Total.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	1 Year.	Total.	1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.				4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	1 Year.	Total.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
Agricultural, Forestry, and Animal Husbandry.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

Slaughter and packing houses	458	3	1	4	78	124	55	52	37	60	30	7	5	2	450
Sugar makers and refiners	53	1	2	2	8	14	9	3	8	4	3	6	1	2	50
Other food preparers	190	1	—	5	22	33	24	30	14	33	14	—	6	2	184
Iron and Steel and Their Products.															
Automobile factories	2,021	14	—	68	233	358	222	230	190	394	147	87	70	8	1,939
Car and railroad shops	241	1	—	3	31	34	20	32	22	58	17	14	6	3	237
Foundries and metal working, tools	8	—	—	1	—	—	1	2	2	—	—	—	—	—	7
Manufacture of airplanes	735	3	—	25	95	138	89	67	62	130	53	32	39	2	707
Ship and boat building	137	1	—	—	19	29	20	19	12	24	8	4	1	—	1
Wagons and carriages	1	—	—	—	—	—	—	1	—	—	—	—	—	—	136
Other iron and steel workers	898	9	—	39	88	155	92	109	92	182	68	37	24	3	850
Leather and Its Finished Products.															
Harness and saddle makers and repairers	2,351	5	—	59	309	458	284	325	216	406	150	78	47	14	2,287
Leather belt, leather case and pocketbook makers	2	—	—	—	—	—	—	—	1	—	1	—	—	—	2
Shoes	61	—	—	3	9	9	4	7	12	11	3	2	1	—	58
Tanneries	1,515	1	—	30	198	280	179	212	144	275	95	60	32	9	1,484
Trunk makers	765	4	—	25	102	168	100	106	59	119	49	14	14	5	736
	8	—	—	1	—	1	—	—	—	1	2	2	—	—	7
Liquors and Beverages.															
Breweries	111	1	—	2	17	24	18	7	12	17	7	4	1	1	108
Distilleries	10	—	—	—	2	4	1	—	—	—	—	—	1	—	10
Other liquor and beverage workers	100	1	—	1	15	20	17	7	11	16	7	4	—	1	98
Lumber and Its Re-manufacture.															
Box makers (wood)	726	1	—	51	89	123	78	90	65	140	53	20	12	4	674
Furniture	87	—	—	2	9	15	8	15	8	19	8	2	1	—	85
Pianos and organs	276	1	—	22	32	38	41	31	22	56	16	10	6	1	253
Saw and planing mills	16	—	—	—	1	2	—	2	3	4	2	1	1	—	16
Other wood workers	52	—	—	3	7	9	3	8	5	13	4	—	—	—	49
	295	—	—	24	40	59	26	34	27	48	23	7	4	3	271
Metals and Metal Products Other than Iron and Steel.															
Brass mills	275	1	—	18	28	45	31	39	29	54	19	7	3	1	256
Clock factories	20	—	—	—	1	3	4	3	—	7	—	2	—	—	20
Copper factories	12	—	—	—	2	3	1	1	—	3	—	1	—	—	12
Gold and silver factories	33	—	—	1	3	7	3	4	5	8	2	—	—	—	32
Jewelry factories	46	—	—	5	4	8	6	10	7	5	3	—	1	—	41
Lead and zinc factories	40	—	—	4	4	10	6	6	5	5	—	—	1	—	36
Tin plate factories	48	—	—	3	4	10	2	6	4	11	3	1	—	—	45
Watch factories	35	—	—	3	3	3	3	6	3	9	4	3	—	—	32
Copper and brass factories	11	—	—	2	—	1	3	1	1	3	1	—	—	1	11
Other metal workers	17	—	—	2	2	3	2	2	1	4	1	—	—	—	15
	13	1	—	—	1	2	1	1	3	2	1	—	1	—	12
Paper.															
Box makers	875	5	—	29	94	139	112	113	86	186	76	20	10	5	841
Makers of blank books, envelopes, tags and labels, bags	142	2	—	5	30	22	13	19	16	20	11	3	1	—	135
Paper and pulp mills	92	—	—	3	8	13	13	17	6	25	4	1	2	—	89
Other paper goods	382	3	—	14	32	47	55	53	37	97	27	12	3	2	365
	2,9	—	—	7	24	57	31	24	27	44	34	4	4	3	252

TABLE III — Frequency of Injuries, by Industry and Extent of Disability, etc. — Concluded.

INDUSTRIES.	NUMBER OF TABULATABLE INJURIES.														
	Total. Deaths.	Per- manent Disa- bilities.	Per- manent Partial Disa- bilities.	TEMPORARY DISABILITIES.											
				1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 1 Year.	Total.	
Printing and Bookbinding.	503	1	7	92	93	53	57	44	101	36	10	6	3	495	
Printing and publishing establishments	503	1	7	92	93	53	57	44	101	36	10	6	3	495	
Textiles.	2,752	7	77	303	552	339	352	261	468	224	107	52	9	2,667	
Carpet mills	27	—	—	1	6	4	1	3	4	5	2	1	—	27	
Cotton mills	877	2	18	90	182	109	100	84	161	74	45	11	1	837	
Dyeing and finishing textiles	285	—	7	32	51	39	44	31	44	22	6	7	1	277	
Hemp and jute mills	18	—	—	2	2	—	4	1	1	5	3	—	—	18	
Knitting mills	137	1	—	21	39	20	15	11	20	6	1	1	—	134	
Linen mills	26	—	2	2	5	3	3	2	4	3	1	1	—	24	
Print works	72	—	2	8	8	8	9	7	15	9	6	1	—	71	
Rope and cordage factories, twine	13	—	1	1	3	—	3	—	3	1	1	—	—	12	
Sail, awning and tent makers	9	—	—	—	4	3	—	1	1	—	—	—	—	9	
Silk mills	105	1	—	11	21	9	11	12	20	8	5	4	1	102	
Woollen and worsted mills	950	2	37	112	178	121	132	86	157	72	28	21	4	911	
Not specified textile workers	233	1	7	23	53	23	30	23	38	19	9	6	1	225	
Miscellaneous Industries.	2,214	13	57	286	400	288	287	182	397	160	79	49	16	2,144	
Broom and brush makers	12	—	1	—	3	1	1	—	3	—	3	—	—	11	
Button makers	5	—	—	1	—	—	3	—	—	—	1	—	—	5	
Cigars	19	—	—	2	3	2	1	1	6	—	2	2	—	19	
Electric light and power companies	214	7	—	36	43	29	31	12	20	15	9	4	3	202	
Electrical supplies	370	—	5	36	60	39	53	42	75	40	10	2	1	358	
Gas works	192	2	12	36	45	30	23	13	23	10	8	1	1	188	
Oil works	245	—	2	34	51	38	31	16	42	14	7	8	1	244	
Rubber factories	517	—	13	62	83	59	60	46	103	45	23	19	4	504	
Straw workers	7	—	—	2	—	—	1	—	3	1	—	—	—	7	
Gas and electric companies	74	—	2	8	17	11	12	4	13	2	4	—	1	72	
Other miscellaneous industries and occupations	559	4	21	69	95	79	71	48	109	33	16	9	5	534	
Water Transportation.	217	1	—	18	35	19	28	25	61	17	8	2	3	216	
Water transportation	217	1	—	18	35	19	28	25	61	17	8	2	3	216	
Transportation, Road, Etc.	4,390	45	44	552	773	485	510	390	872	350	208	113	46	4,299	
Road, street, bridge, construction of	2,399	19	2	253	409	252	278	216	505	189	131	86	29	2,348	
Livery stables	9	—	—	1	1	1	—	1	3	1	1	—	—	9	
Truck, transfer, hack and cab companies, garages	1,364	11	7	197	255	153	165	126	254	106	53	22	15	1,346	
Street railways	364	8	4	55	60	39	43	27	71	35	17	3	2	352	
Steam railroads	254	7	3	46	48	40	24	20	39	19	6	2	—	244	

Express Companies.	256	-	-	29	76	60	21	22	29	12	5	2	-	256
Express companies	256	-	-	29	76	60	21	22	29	12	5	2	-	256
Telephone and Telegraph	103	1	-	14	23	27	8	8	12	8	2	-	-	102
Telephone and telegraph	103	1	-	14	23	27	8	8	12	8	2	-	-	102
Air Transportation.	2	-	-	-	1	-	-	-	-	-	-	-	-	1
Air transportation	2	-	-	-	1	-	-	-	-	-	-	-	-	1
Other Persons in Transportation.	97	1	-	9	18	9	17	10	19	5	6	2	1	96
Other persons in transportation	97	1	-	9	18	9	17	10	19	5	6	2	1	96
Trade.	6,681	25	1	1,054	1,340	880	851	535	1,136	433	198	120	53	6,600
Banking and brokerage	74	1	-	15	19	4	11	9	10	3	1	-	1	73
Insurance	140	2	-	31	37	20	5	15	14	10	3	2	1	138
Real estate	316	3	-	47	54	38	33	26	51	33	15	9	3	309
Wholesale and retail trade	5,937	19	-	918	1,188	787	779	472	1,028	374	171	105	46	5,868
Elevators	29	-	-	6	3	3	2	3	6	2	3	1	-	29
Warehouses and cold storage plants	113	-	-	21	22	17	12	8	17	7	4	3	2	113
Other persons in trade	67	-	1	15	15	10	9	2	10	4	-	-	-	65
Clerical assistants, industry, business or profession, not specified	5	-	-	1	2	1	-	-	-	-	1	-	-	5
Professional Service.	665	4	1	106	159	112	68	46	89	29	24	11	4	648
Professional service	665	4	1	106	159	112	68	46	89	29	24	11	4	648
Domestic and Personal Service.	2,045	7	-	266	367	297	291	190	360	125	67	37	13	2,013
Occupations not in industries	1,733	7	-	218	308	261	249	160	304	110	55	31	9	1,705
Laundry and laundry work	312	-	-	48	59	36	42	30	56	15	12	6	4	308
Grand Total	31,769	162	8	4,158	5,911	3,908	3,960	2,830	5,766	2,285	1,207	717	255	30,997

TABLE IV. — *Severity of Injuries, by Industry and Extent of Disability, July 1, 1932, to June 30, 1933*

INDUSTRIES.	NUMBER OF DAYS LOST.										TEMPORARY DISABILITIES.											
	Total.	Deaths.	Per- manent Total Disa- bilities.	Per- manent Partial Disa- bilities.	1 to 3		4 to 7		1 to 2		2 to 3		3 to 4		4 to 8		8 to 13		13 to 26		Over 1 Year.	Total.
					Days.	Weeks.	Days.	Weeks.	Days.	Weeks.	Days.	Weeks.	Days.	Weeks.	Days.	Weeks.	Days.	Weeks.	Days.	Weeks.		
Agriculture, Forestry and Ani- mal Husbandry.																						
Agriculture	24,395	6,000	—	4,650	101	393	605	1,248	1,361	2,639	2,129	2,068	1,951	1,250	13,745							
Forestry	19,664	6,000	—	3,600	74	250	450	914	1,048	2,013	1,711	1,554	1,200	850	10,064							
Animal husbandry	2,462	—	—	—	21	107	54	129	181	256	156	407	751	400	2,462							
Ice harvesting	1,695	—	—	1,050	—	23	75	133	203	106	178	107	—	—	645							
	574	—	—	—	6	13	26	72	109	264	84	—	—	—	574							
Extraction of Minerals.																						
Quarrying	20,066	12,000	—	6,000	27	79	31	125	174	478	363	300	489	—	2,066							
	20,066	12,000	—	6,000	27	79	31	125	174	478	363	300	489	—	2,066							
Building Trades.																						
Hand trades	271,336	90,000	12,000	37,200	736	1,940	2,525	4,951	6,141	21,060	14,103	22,752	33,255	24,673	132,136							
	271,336	90,000	12,000	37,200	736	1,940	2,525	4,951	6,141	21,060	14,103	22,752	33,255	24,673	132,136							
Chemical and Allied Products.																						
Fertilizers	23,439	6,000	—	7,950	99	322	506	670	757	1,704	1,562	1,156	963	1,750	9,489							
Paints, varnish, japanning	1,099	—	—	—	8	9	27	70	48	97	192	98	—	—	1,099							
Powder, cartridges, fireworks, etc., makers	1,846	—	—	600	16	64	33	94	104	356	258	321	—	—	1,246							
Soap makers	2,863	—	—	2,400	3	13	45	36	84	91	60	131	—	—	463							
Other chemical workers	9,940	6,000	—	1,800	25	81	71	85	163	197	234	330	554	400	2,140							
	7,691	—	—	3,150	47	155	330	385	358	963	818	276	409	800	4,541							
Clay, Glass and Stone Products.																						
Brickmakers	35,524	18,000	—	9,300	58	156	333	461	358	1,642	1,782	1,289	1,695	450	8,224							
Potters	9,331	6,000	—	2,100	17	20	90	31	81	120	424	98	350	1,231	1,231							
Tile makers	309	—	—	—	—	—	14	—	—	—	70	—	—	—	309							
Glass makers and workers	414	—	—	—	—	—	14	—	—	—	—	150	250	—	414							
Lime, cement, and gypsum	1,461	—	—	—	15	41	34	54	100	290	372	105	450	1,461	1,461							
Marble and stone cutters	752	—	—	—	3	46	56	151	23	219	254	—	—	—	752							
Mica and isinglass	23,168	12,000	—	7,200	23	49	112	183	154	979	916	682	870	—	3,968							
	89	—	—	—	—	—	13	42	—	34	—	—	—	—	89							
Clothing.																						
Clothing makers	12,553	—	—	1,800	155	403	628	985	891	2,550	2,258	1,779	1,104	—	10,753							
Corset makers	9,125	—	—	1,500	118	305	495	740	723	1,910	1,468	1,066	800	—	7,625							
Hat makers, wool or felt	175	—	—	—	6	20	8	—	—	—	70	—	—	—	175							
Shirt, collar and cuff makers	2,184	—	—	300	20	36	79	135	97	368	410	435	304	—	1,884							
	1,069	—	—	—	11	42	46	110	71	202	309	278	—	—	1,069							
Food and Kindred Products.																						
Bakeries	120,298	48,000	6,000	17,100	548	1,928	2,252	3,791	3,500	10,574	8,944	6,612	7,699	3,350	49,198							
Butter and cheese makers	30,101	6,000	—	6,900	155	508	554	1,108	1,058	3,837	3,101	2,854	2,801	1,225	17,201							
Candy and confectionery	1,932	—	—	—	30	43	84	204	146	395	422	408	200	—	1,932							
Fish curers and packers	15,079	6,000	—	2,100	27	216	325	530	337	1,563	1,714	1,483	784	—	6,979							
Flour and grain mills	9,897	6,000	—	—	52	204	233	366	465	739	296	212	930	400	3,897							
	85	—	—	—	3	—	26	—	25	31	—	—	—	—	85							

Fruit and vegetable canners	3,853	-	-	3,600	-	13	33	41	-	98	68	-	255
Slaughter and packing houses	36,409	18,000	-	6,000	-	685	632	955	921	2,406	2,080	923	10,909
Sugar makers and refiners	8,008	6,000	6,000	9,000	20	74	101	50	195	153	235	-	1,108
Other food preparers	14,934	6,000	6,000	2,100	55	185	264	537	353	1,322	1,028	732	6,834
Iron and Steel and Their Products.	191,657	84,000	-	35,550	597	2,038	2,588	4,217	4,807	15,823	10,607	11,176	72,300
Automobile factories	16,887	6,000	-	900	81	194	252	586	563	2,318	1,207	1,717	9,787
Car and railroad shops	1,977	18,000	-	1,800	6	12	38	54	-	54	67	177	177
Foundries and metal working, tools	58,136	18,000	-	13,350	245	776	1,005	1,229	1,574	5,137	3,913	4,515	27,786
Manufacture of airplanes	7	-	-	-	-	7	-	-	-	-	-	-	7
Ship and boat building	9,479	6,000	-	-	47	163	243	365	305	1,001	631	469	3,479
Wagons and carriages	17	-	-	-	-	-	-	17	-	-	-	-	17
Other iron and steel workers	104,547	54,000	-	19,500	224	892	1,076	1,982	2,311	7,367	4,789	6,586	31,047
Leather and Its Finished Products.	151,385	30,000	-	48,500	774	2,605	3,328	5,814	5,435	16,203	10,848	12,234	72,885
Harness and saddle makers and repairers	95	-	-	-	-	-	-	-	28	-	67	-	95
Leather belt, leather case and pocket-book makers	5,341	-	-	3,600	23	58	47	119	294	423	183	272	1,741
Shoes	72,801	6,000	-	17,750	494	1,615	2,135	3,799	3,617	10,968	6,937	8,242	37,890
Tanneries	72,284	24,000	-	26,850	257	928	1,138	1,896	1,496	4,769	3,487	1,749	21,434
Trunk makers	774	-	-	300	-	4	8	-	-	43	154	265	474
Liquors and Beverages.	9,744	6,000	-	600	43	131	208	122	302	623	505	543	3,144
Breweries	304	-	-	300	5	16	8	-	22	36	-	217	304
Distilleries	300	-	-	300	38	115	200	-	280	587	505	-	2,840
Other liquor and beverage workers	9,140	6,000	-	-	-	-	-	-	-	-	-	-	-
Lumber and Its Re-manufacture.	65,687	6,000	-	37,650	225	689	876	1,665	1,652	5,421	3,806	3,372	22,037
Box makers (wood)	3,543	-	-	2,776	22	81	89	270	204	760	240	223	2,493
Furniture	25,733	6,000	-	11,250	79	214	467	581	553	2,243	1,137	1,295	8,483
Pianos and organs	918	-	-	-	2	9	-	34	76	154	157	161	325
Saw and planing mills	3,545	-	-	2,400	20	50	37	150	129	471	288	-	1,145
Other wood workers	31,948	-	-	22,950	102	335	283	624	690	1,793	1,626	810	8,998
Metals and Metal Products Other than Iron and Steel.	19,632	6,000	-	6,000	77	252	357	709	729	2,098	1,322	948	7,632
Brass mills	566	-	-	-	3	16	47	53	-	241	-	206	566
Clock factories	340	-	-	-	5	13	12	16	-	121	66	107	340
Copper factories	1,045	-	-	300	8	39	39	69	129	320	141	745	745
Gold and silver factories	2,552	-	-	1,500	29	47	31	191	180	198	196	-	1,052
Jewelry factories	2,587	-	-	1,800	94	32	67	86	123	215	-	240	787
Lead and zinc factories	2,070	-	-	900	12	65	71	109	97	430	207	179	1,170
Tin plate factories	2,192	-	-	900	9	10	25	108	75	320	289	456	1,292
Watch factories	686	-	-	-	5	5	32	16	24	134	75	-	686
Copper and brass factories	1,030	-	-	600	5	14	23	41	28	35	288	-	430
Other metal workers	6,564	6,000	-	-	2	11	10	20	75	84	62	-	564
Paper.	78,730	30,000	-	22,050	238	768	1,284	2,034	2,191	7,486	5,478	2,411	26,680
Box makers	20,315	12,000	-	5,100	76	124	155	343	404	714	837	187	3,215
Makers of blankbooks, envelopes, tags and labels, bags	6,385	-	-	3,600	20	66	158	312	145	1,064	303	172	2,785

40	434	395	6	7	382	39	1	38
50	759	680	5	13	602	79	-	79
51	313	294	1	9	284	19	-	19
52	482	433	4	14	415	49	-	49
53	304	283	2	9	272	21	1	20
54	324	304	2	8	294	20	-	20
55	423	389	-	7	382	34	2	32
56	312	293	1	3	289	19	-	19
57	296	210	5	6	199	16	-	16
58	308	294	1	8	285	14	-	14
59	223	205	3	5	197	18	-	17
60	369	337	6	8	323	32	1	31
61	141	141	1	2	137	7	-	7
62	188	180	3	3	184	8	-	8
63	165	153	6	8	139	12	-	12
64	118	112	1	2	109	6	1	5
65	190	180	4	6	170	10	2	8
66	79	79	-	4	75	-	-	-
67	94	89	2	6	80	5	-	5
68	77	73	4	1	68	4	-	4
69	67	65	1	3	61	2	-	2
70	85	83	1	3	79	2	-	2
71	38	37	2	2	32	1	-	1
72	46	42	1	3	38	4	-	4
73	37	34	1	2	31	3	-	3
74	22	20	1	1	18	2	-	2
75	12	12	1	2	9	-	-	-
76	5	5	-	9	5	-	-	-
77	6	6	-	1	5	-	-	-
78	4	4	-	1	4	1	-	1
79	3	2	-	-	2	1	-	1
80	4	4	-	-	4	-	-	-
Over 80	9	9	1	-	8	-	-	-
Grand Total	31,769	28,337	157	8	27,612	3,432	42	3,385

Slaughter and packing houses	7	4	10	23	9	14	16	12	35	47	37	53	18	44
Sugar makers and refiners	3	1	1	9	10	3	12	5	2	4	8	14	2	13
Other food preparers	3								3	15	8		7	
Iron and Steel and Their Products.														
Automobile factories	152	62	54	87	60	79	107	76	53	111	47	170	60	82
Car and railroad shops	2		1	4		1	4		1	13	2	62	4	9
Foundries and metal working, tools	69	23	16	32	24	44	39	27	23	40	24	44	24	33
Manufacture of airplanes	1		2	1	6	3	2	7	4	7	4	7	8	6
Ship and boat building	1		2	1										
Wagons and carriages	79	39	35	50	30	31	62	34	25	51	17	57	22	33
Other iron and steel workers														
Leather and Its Finished Products.														
Harness and saddle makers and repairers	287	124	45	186	76	81	157	100	80	184	88	224	80	84
Leather belt, leather case, pocket-book makers	17	3	1	5	1	4	3			1	1	7	1	2
Shoes	243	104	38	138	44	52	119	64	34	115	32	138	30	47
Tanneries	27	17	6	40	30	25	33	36	46	68	55	78	49	34
Trunk makers	2			3	1		1					1		1
Liquor and Beverages.														
Breweries	6	3	1	5	1		4	3	1	6	2	5	1	3
Distilleries										1	1			1
Other liquor and beverage workers	6	3	1	5	1			3	1	5	1	5	1	2
Lumber and Its Re-manufacture.														
Box makers (wood)	85	43	19	67	27	22	76	30	18	53	22	49	12	30
Furniture	13	5	1	14	5	3	4	5	2	9	2	3	3	4
Pianos and organs	33	23	8	23	7	8	28	9	5	17	9	27	1	10
Saw and planing mills	1	2	2	3	3		11	1	2	2	1	1	3	1
Other wood workers	33	23	8	27	12	11	32	13	8	21	8	14	5	15
Metal and Metal Products Other than Iron and Steel.														
Brass mills	21	10	14	17	11	8	17	16	15	15	9	20	14	10
Clock factories	1	1			2	3	1	1	1	4		4	1	1
Copper factories	2	1	3	3	1	1	3		3	1	2	1	2	1
Gold and silver factories	5	1	4	1	1	1	2	1	2	1	2	5		4
Jewelry factories	6	2	4	5		4	4	3	2		2	1	2	1
Lead and zinc factories	2	2	1	5		1	3	3	1	4	2	5	3	3
Tin plate factories	2	1	2	2	3	1	1	3	1	3		3	3	3
Watch factories	2	1	2	1	1	1	1	3	3			1	1	1
Copper and brass	2	1	2	1	3		1	2	2	1	2	1	1	1
Other metal workers	1		2				1	2						
Paper.														
Box makers (paper)	53	33	31	68	43	36	59	57	45	67	26	32	33	38
Makers of blank books, envelopes, tags and labels, paper bags	15	13	5	18	9	6	10	7	6	9	4	6	3	3
Paper and pulp mills	19	13	7	4	5	3	5	5	4	4	1	1	5	6
Other paper goods	14	4	9	31	18	16	30	25	21	25	12	10	16	17
				15	11	11	84	20	14	29	9	15	9	12
Printing and Bookbinding.														
Printing and bookbinding establishments	50	12	7	16	8	18	23	10	8	11	12	16	9	9
	50	12	7	16	8	18	23	10	8	11	12	16	9	9

TABLE VI. — Total Tabulatable Injuries, by Industries and Wage Groups, etc. — Continued.

INDUSTRIES.	NUMBER OF TABULATABLE INJURIES													
	Under \$10	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$17	\$18	\$19	\$20	\$21	\$22
Textiles.														
Carpet mills	370	166	155	224	170	182	224	178	143	148	87	143	84	76
Cotton mills	4	—	1	3	2	1	1	2	1	4	—	2	—	—
Dyeing and finishing textiles	193	65	67	83	43	61	61	58	37	34	21	42	29	16
Hemp and jute mills	12	8	10	8	22	21	29	20	22	23	12	22	11	8
Knitting mills	3	3	3	—	1	2	2	—	—	—	—	1	—	—
Linen mills	33	10	4	13	5	8	7	3	3	6	5	4	1	4
Print works	2	3	1	3	9	—	3	1	2	5	1	1	—	—
Rope and cordage factories, twine	2	3	7	5	2	12	4	5	3	3	2	3	1	3
Sail, awning and tent makers	2	1	—	1	—	—	—	—	—	—	—	—	—	—
Silk mills	20	10	4	11	5	5	13	8	3	4	1	3	3	3
Woolen mills, worsted mills	77	48	52	83	66	56	77	69	63	59	38	49	32	28
Not specified textile workers	24	15	6	14	15	13	26	11	9	10	7	18	6	13
Miscellaneous Industries.														
Broom and brush makers	123	45	37	95	56	88	126	75	68	102	64	109	81	101
Button makers	1	—	—	1	1	3	—	1	—	1	—	—	—	—
Cigars and cigarettes	1	—	1	—	1	—	1	—	—	—	—	2	—	—
Electric light and power companies	1	—	1	—	1	3	6	1	1	5	3	1	4	6
Electrical supplies, machinery, apparatus	22	8	7	18	13	22	19	18	15	22	17	17	5	10
Gas works	1	—	—	—	—	—	4	2	1	2	5	6	8	18
Oil works	1	2	—	1	1	—	3	1	2	6	5	11	13	18
Rubber factories	38	10	11	25	21	28	50	33	29	39	22	35	25	23
Straw factories	1	—	—	—	1	—	1	—	—	—	—	—	—	1
Gas and electric companies	1	—	—	—	2	4	1	—	—	—	—	1	5	2
Other miscellaneous industries	51	25	18	49	13	27	42	18	20	25	12	34	20	23
Water Transportation.														
Water transportation	6	4	1	6	1	—	6	—	2	5	1	4	9	2
Construction of roads, streets, etc.	6	4	1	6	1	—	6	—	2	5	1	4	9	2
Road, Street and Bridge Transportation.														
Construction of roads, streets, etc.	143	110	42	183	67	46	132	137	80	194	149	198	159	99
Livery stables	108	92	31	151	50	39	70	97	48	80	117	98	102	45
Truck, transfer, cab and hack companies, garages	29	17	7	28	14	6	53	22	24	108	21	78	47	1
Street railways	1	—	1	1	3	—	3	4	2	1	6	10	4	4
Steam railroads	5	1	3	2	3	—	5	4	6	4	5	12	6	4
Express Companies.														
Express companies	7	1	1	1	—	—	3	1	1	6	2	9	—	3
Telephone and Telegraph.														
Telephone and telegraph	23	3	—	3	2	—	1	3	4	6	2	5	1	5

TABLE VI. — *Total Tabulatable Injuries, by Industries and Wage Groups, etc.* — Continued.

INDUSTRIES.	NUMBER OF TABULATABLE INJURIES.													Total.
	\$23	\$24	\$25	\$26	\$27	\$28	\$29	\$30	\$31	\$32	\$33	\$34	\$35 and over.	
Agriculture, Forestry and Animal Husbandry.														
Agriculture	8	17	34	7	10	10	—	16	2	5	1	1	14	411
Forestry	5	11	25	5	3	4	—	12	—	2	—	1	14	299
Animal husbandry	—	2	5	2	3	2	—	2	1	2	1	—	—	63
Animal harvesting	3	1	4	—	2	—	—	1	1	1	—	—	—	28
Ice harvesting	—	3	—	—	2	4	—	1	—	—	—	—	—	21
Extraction of Minerals.														
Quarrying	1	2	2	2	5	5	—	5	—	3	2	2	6	65
—	1	2	2	2	5	5	—	5	—	3	2	2	6	65
Building Trades.														
Hand trades	32	170	104	39	82	132	12	204	10	29	53	9	685	2,490
—	32	170	104	39	82	132	12	204	10	29	53	9	685	2,490
Chemical and Allied Products.														
Fertilizers	9	9	25	6	8	8	6	9	—	4	1	1	32	295
Paints, varnish and japanning	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Powder, cartridges, fireworks, etc., makers	2	—	6	2	1	1	—	1	—	—	—	—	5	46
Soap makers	1	1	2	1	2	—	—	—	—	—	—	—	1	17
Other chemical workers	4	1	5	1	—	3	2	2	—	—	1	—	6	56
—	2	7	12	1	5	3	4	6	—	4	—	1	19	157
Clay, Glass and Stone Products.														
Brick makers	2	10	16	3	6	8	3	15	—	—	5	2	54	217
Potteries	—	2	—	—	2	—	—	—	—	—	—	—	4	36
Tile makers	—	—	1	—	—	—	—	—	—	—	—	—	—	—
Glass makers	—	—	—	—	1	1	—	—	—	—	—	—	3	—
Lime, cement and gypsum	—	—	5	1	1	—	1	1	—	—	—	—	16	38
Marble and stone cutters	2	1	3	—	—	—	—	—	—	—	—	—	2	30
Mica and isinglass	—	7	7	2	2	1	2	13	—	—	5	2	31	103
—	—	—	—	—	—	—	—	—	—	—	—	—	1	4
Clothing.														
Clothing makers	4	2	22	1	3	1	—	8	1	—	1	—	32	386
Corset makers	3	—	14	1	2	1	—	—	1	—	1	—	27	289
Hat makers, wool or felt	—	—	3	—	—	—	—	—	—	—	—	—	—	9
Shirt, collar and cuff makers	1	1	4	—	—	—	—	—	—	—	—	—	54	—
—	—	—	1	—	—	—	—	—	—	—	—	—	1	34
Food and Kindred Products.														
Bakeries, bread and other bakery products	46	75	107	32	58	52	18	90	12	22	14	9	113	1,620
Butter and cheese makers	15	19	35	13	24	18	8	35	3	10	4	5	48	491
Candy and confectionery	2	1	7	3	8	6	1	7	—	5	1	—	7	67
Fish curers and packers	2	8	6	3	2	4	1	2	3	—	3	—	13	201
Flour and grain mills	5	4	9	7	7	4	1	18	—	2	1	—	9	144
Fruit and vegetable canners	1	1	—	—	—	—	—	—	—	—	—	—	2	5
—	—	—	—	—	—	—	—	—	1	—	—	—	—	11

Slaughter and packing houses	17	29	29	7	7	9	3	12	3	3	1	2	7	458
Sugar makers and refiners	3	3	1	2	5	5	1	2	1	53	3	—	2	53
Other food preparers	2	10	20	—	5	6	3	13	1	2	1	2	22	190
Iron and Steel and Their Products.														
Automobile factories	55	82	125	35	54	42	16	125	33	31	32	23	168	2,021
Car and railroad shops	5	2	29	7	4	—	1	55	1	3	—	—	15	241
Foundries and metal working, tools	1	2	—	—	—	—	—	1	—	—	—	—	1	8
Manufacture of airplanes	19	34	36	7	17	14	6	24	17	11	15	14	59	735
Ship and boat building	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wagons and carriages	5	7	3	7	7	7	5	8	6	4	6	—	14	137
Other iron and steel workers	25	37	57	14	25	17	4	37	9	13	11	5	79	898
Leather and Its Finished Products.														
Harness and saddle makers and repairers	53	57	144	31	38	24	13	76	8	18	1	4	88	2,351
Leather belt, leather case, pocket-book makers	—	—	—	—	—	—	—	—	—	—	—	—	—	2
Shoes	1	3	3	—	1	1	—	1	—	—	—	—	6	61
Tanneries	28	27	79	13	14	13	6	49	4	12	1	—	71	1,515
Trunk makers	24	27	62	18	23	9	7	26	4	6	1	3	11	765
Liquor and Beverages.														
Breweries	—	2	7	1	6	3	—	6	3	14	—	1	27	111
Distilleries	—	—	—	—	—	—	—	—	—	4	—	—	3	10
Other liquor and beverage workers	—	2	7	1	6	3	—	6	3	10	—	1	23	100
Lumber and Its Re-manufacture.														
Box makers (wood)	11	18	30	7	10	7	1	21	5	9	2	3	49	726
Furniture	—	2	1	1	2	—	—	2	2	1	—	—	3	87
Pianos and organs	2	9	20	3	3	6	—	11	2	3	—	—	22	276
Saw and planing mills	—	—	1	2	—	—	—	—	—	1	—	—	1	16
Other wood workers	1	2	2	1	—	—	1	8	1	3	2	3	21	52
Metal and Metal Products Other than Iron and Steel.														
Brass mills	7	9	9	8	4	2	4	6	3	1	3	—	22	275
Clock factories	—	—	1	—	1	—	1	1	—	—	—	—	3	20
Copper factories	—	—	—	—	—	—	—	—	—	—	—	—	1	12
Gold and silver factories	1	1	1	1	—	—	—	1	—	—	—	—	6	33
Jewelry factories	2	1	2	3	—	2	1	1	—	—	2	—	3	46
Lead and zinc factories	1	1	1	1	—	—	1	1	2	1	—	—	4	40
Tin plate factories	2	4	2	1	2	—	1	2	1	—	1	—	2	48
Watch factories	2	1	1	2	1	—	—	—	—	—	—	—	—	35
Copper and brass	—	—	—	—	—	—	—	—	—	—	—	—	1	11
Other metal workers	—	—	—	1	—	—	—	—	—	—	—	—	2	13
Paper.														
Box makers (paper)	18	28	38	17	21	16	7	24	13	7	5	9	51	875
Makers of blank books, envelopes, tags and labels, paper bags	2	—	7	1	4	1	1	3	1	1	—	—	7	142
Paper and pulp mills	—	5	7	2	3	4	—	4	—	—	—	—	9	92
Other paper goods	9	17	15	12	7	5	4	10	9	4	2	6	19	382
Printing and Bookbinding.														
Printing and bookbinding establishments	6	15	11	6	17	7	4	27	5	14	10	4	168	503
	6	15	11	6	17	7	4	27	5	14	10	4	168	503

TABLE VI. — Total Tabulatable Injuries, by Industries and Wage Groups, etc. — Concluded.

INDUSTRIES.	NUMBER OF TABULATABLE INJURIES.													Total.
	\$23	\$24	\$25	\$26	\$27	\$28	\$29	\$30	\$31	\$32	\$33	\$34	\$35 and over.	
Textiles.														
Carpet mills	58	39	65	24	29	28	13	32	9	8	10	3	84	2,752
Cotton mills	11	7	18	4	1	4	2	4	1	3	2	1	4	27
Dyeing and finishing textiles	4	6	4	2	7	5	3	4	2	3	—	1	9	877
Hemp and jute mills	1	—	—	1	—	—	—	—	—	—	—	—	16	285
Knitting mills	6	3	6	1	3	2	—	2	1	—	1	—	7	137
Linen mills	—	—	1	1	—	—	—	—	—	—	—	—	2	26
Print works	—	3	1	—	2	1	1	1	—	—	—	—	3	72
Rope and cordage factories, twine	—	—	—	—	1	—	—	—	—	—	—	—	13	13
Sail, awning and tent makers	—	—	—	—	—	—	—	—	—	—	—	—	4	9
Silk mills	3	1	3	—	—	1	—	—	—	—	1	—	2	105
Woolen mills, worsted mills	29	12	18	13	11	11	2	15	4	2	6	1	29	950
Not specified textile workers	4	5	9	3	3	3	5	5	1	—	—	—	8	233
Miscellaneous Industries.														
Broom and brush makers	76	112	127	44	107	59	43	89	33	41	41	21	251	2,214
Button makers	—	—	1	—	1	—	—	1	—	—	—	—	—	12
Cigars and cigarettes	—	2	1	—	1	1	1	1	—	—	—	—	—	5
Electric light and power companies	8	10	16	5	15	7	7	8	11	10	17	4	64	214
Electrical supplies, machinery, apparatus	15	12	17	7	7	7	4	14	3	8	9	6	48	370
Gas works	6	28	7	6	19	19	4	12	2	3	6	1	31	192
Oil works	13	17	26	5	22	11	10	26	6	12	3	4	27	245
Rubber factories	15	17	19	13	24	6	4	4	3	4	3	2	14	517
Straw factories	—	—	—	—	—	—	—	—	—	—	—	—	—	7
Gas and electric companies	5	3	9	2	8	—	12	3	1	3	—	—	14	74
Other miscellaneous industries	14	23	31	6	11	8	1	21	7	1	3	4	52	559
Water Transportation.														
Water transportation	1	95	15	6	15	4	—	7	—	2	1	1	23	217
Construction of roads, streets, etc.	1	95	15	6	15	4	—	7	—	2	1	1	23	217
Road, Street and Bridge Transportation.														
Construction of roads, streets, etc.	80	272	324	127	213	199	75	417	128	105	64	35	622	4,390
Livery stables	52	181	100	94	96	133	23	212	62	25	27	16	250	2,399
Truck, transfer, cab and hack companies	—	1	1	—	—	1	2	—	—	—	—	—	—	9
Street railways	20	69	194	26	93	38	19	173	35	45	9	8	137	1,364
Street railroads	3	13	15	4	15	20	17	17	19	29	17	6	150	364
Steam railroads	5	8	14	3	9	7	14	15	12	6	11	5	85	254
Express Companies.														
Express companies	4	11	22	4	22	26	30	43	9	26	2	4	18	256
Telephone and telegraph	4	11	22	4	22	26	30	43	9	26	2	4	18	256
Telephone and Telegraph.														
Telephone and telegraph	7	7	5	3	—	—	4	—	1	1	—	1	11	103
Telephone and telegraph	7	7	5	3	—	—	4	—	1	1	—	1	11	103

Air Transportation.														
Air transportation	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Other Persons in Transportation.														
Other persons in transportation	2	18	7	17	2	8	12	1	-	1	-	1	4	97
Trade.														
Banking and brokerage	150	272	681	107	297	186	107	461	59	118	57	92	879	6,681
Insurance	3	1	10	2	2	2	1	8	-	3	2	-	12	74
Real estate	-	3	10	1	6	2	4	5	3	5	3	3	60	140
Wholesale and retail trade	10	16	27	8	10	5	1	26	1	5	1	1	34	316
Elevators	132	241	617	90	268	171	98	409	54	104	51	86	730	5,937
Warehouses and cold storage plants	-	-	3	-	2	-	-	-	-	-	-	1	21	29
Other persons in trade	3	9	11	4	6	5	3	8	1	1	-	1	5	113
Clerical assistants, industry, business or profession not specified	2	2	3	2	1	-	-	5	-	1	-	-	17	67
Professional Service.														
Professional service	22	35	32	9	18	17	9	38	7	7	6	6	62	665
Domestic and Personal Service.														
Occupations not in industries	50	67	120	33	55	43	15	94	13	22	12	6	162	2,045
Laundry and laundry workers	47	65	99	27	51	34	11	76	12	16	10	6	126	1,738
Grand total	702	1,424	2,077	559	1,094	881	388	1,825	355	487	324	238	3,626	31,769

Anus, perineum or rectum	2	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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TABLE VII. — *Location of Injury by Nature of Injury, Total Tabulatable Injuries, etc. — Concluded.*

LOCATION OF INJURY.	NATURE OF INJURY.											
	Bruises, Con- tusions and Abrasions.	Burns and Scalds.	Concus- sions.	Cuts, Punc- tures and Lac- erations.	Disloca- tions.	Fractures.	Sprains and Strains.	All Other.	Amputa- tions and Loss of Use.	Shocks (Electri- cal).	Occupa- tional.	Total.
Lower Extremities.												
Hip joint	2,531	195	-	1,479	38	1,081	2,039	856	23	-	17	8,259
Femur	-	2	-	-	6	11	-	-	-	-	-	19
Hip	73	-	-	9	-	29	-	29	-	-	-	29
Both hips	3	-	-	-	-	-	53	-	-	-	-	104
Upper leg	56	4	-	62	-	-	25	13	-	-	-	4
Patella	-	-	-	-	-	-	-	-	-	-	-	160
Knee	389	-	-	117	20	30	-	-	-	-	-	1,215
Metatarsals	-	-	-	-	3	194	387	322	-	-	-	197
Both knees	25	-	-	2	-	-	2	5	-	-	-	35
Tibia	-	-	-	-	-	26	-	-	-	-	-	26
Fibula	-	-	-	-	-	43	-	-	-	-	-	43
Tibia and fibula	-	-	-	-	-	85	-	-	-	-	-	85
Lower leg	202	12	-	118	-	-	28	30	1	1	392	
Leg, general	356	32	-	104	-	-	182	141	5	6	886	
Both legs or one leg and one foot	54	23	-	9	-	9	14	8	-	3	122	
Ankle	154	13	-	45	-	-	1,129	83	-	1	1,425	
Tarsus	-	-	-	-	4	133	-	-	-	-	-	137
Both ankles	4	4	-	1	-	5	-	1	-	-	-	16
Instep	77	2	-	20	-	19	-	12	-	-	-	130
Heel	58	5	-	34	-	17	-	12	-	-	-	126
Oscalsis	-	-	-	-	-	20	-	-	-	-	-	29
Both heels	3	-	-	-	-	5	-	-	-	-	-	8
Foot	557	78	-	720	-	-	162	129	-	4	1,050	
One foot, two or more toes	7	15	-	1	-	5	3	4	1	37	37	
Great toe	356	-	-	121	3	341	10	35	6	1	872	
Lesser toe	45	-	-	27	1	65	2	15	7	-	162	
One toe, not specified	32	-	-	14	1	34	-	8	-	-	89	
Great toe and lesser toe or toes	35	1	-	10	-	24	-	5	-	-	75	
Two or more lesser toes	45	2	-	5	-	16	-	4	3	-	75	
Two great toes and lesser toe or toes	-	-	-	-	-	-	-	-	-	-	1	
Body.												
Body, general	209	45	-	17	-	-	43	358	-	15	265	952
Constitutional	209	45	-	17	-	-	43	341	-	15	95	765
	-	-	-	-	-	-	-	17	-	-	170	187
Total	5,581	1,269	45	9,106	133	2,609	8,312	3,460	541	15	698	31,769

TABLE VIII. — *Location and Nature of Injury, by Extent of Disability, etc.* — Continued.

LOCATION AND NATURE OF INJURY.	Total. Deaths.	Per- manent Total Partial Disa- bilities.	NUMBER OF CASES.									
			TEMPORARY DISABILITIES.									
			1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 52 Weeks.
BRUISES, CONTUSIONS AND ABRASIONS.—Con.												
Upper Extremities.—Con.												
Hand and foot	3	—	—	2	—	—	—	1	—	—	—	—
Palm	16	—	6	2	—	—	—	3	—	—	—	3
Back of hand	59	—	12	14	7	3	10	10	2	1	—	16
Thumb	181	—	36	43	22	19	18	30	7	3	—	59
Index finger	130	—	26	26	17	18	9	24	8	3	1	181
Middle finger	155	1	24	35	21	23	24	20	5	2	—	130
Ring finger	87	—	21	18	13	6	5	18	5	1	—	154
Little finger	71	—	13	17	7	7	11	12	2	—	—	87
Thumb and one finger	6	—	—	—	—	2	1	3	—	—	1	71
Two fingers	63	—	11	11	6	13	6	10	5	1	—	6
Three fingers	13	—	1	1	1	5	—	5	—	—	—	63
Four fingers	3	—	1	—	—	—	1	1	—	—	—	13
One finger, not specified	47	—	13	14	2	4	3	10	1	—	—	3
Index finger on each hand	1	—	—	—	1	—	—	—	—	—	—	47
Two or more fingers on both hands	1	—	—	—	—	—	—	1	—	—	—	1
One finger on each hand	1	—	—	—	—	1	—	—	—	—	—	1
Lower Extremities.												
Hip	2,531	2	447	548	345	326	252	410	120	49	22	8
Both hips	73	—	10	19	11	9	5	8	4	2	4	1
Upper leg	3	—	2	—	1	—	—	—	—	—	—	—
Knee	56	—	10	12	14	6	5	5	2	1	—	3
Both knees	389	1	64	81	56	50	34	61	18	15	7	2
Lower leg	25	—	3	4	4	3	2	6	3	—	—	—
Leg, general	202	—	24	37	19	27	24	37	20	10	4	—
Both legs	356	2	56	63	42	48	33	73	23	10	3	—
Ankle	54	—	3	16	6	7	5	11	4	1	—	3
Both ankles	154	—	33	30	21	22	18	21	7	2	—	1
Both heels	4	—	—	1	2	—	1	—	—	—	—	4
Foot	3	—	—	—	—	—	—	—	—	—	—	—
Both feet	557	—	100	128	87	76	50	86	23	3	3	1
Lesser toe	356	—	81	85	46	52	30	47	1	—	—	7
One toe, not specified	45	—	10	14	6	3	5	6	1	—	—	—
Great toe and lesser toes or toe	32	—	6	10	6	3	2	5	—	—	—	356
Two or more lesser toes	35	—	6	7	1	3	4	12	1	—	—	45
Instep	45	—	10	11	6	8	2	11	2	1	—	—
Heel	77	—	18	17	10	8	9	11	3	1	—	—
	58	—	11	11	3	7	14	8	2	2	—	58

TABLE VIII. — *Location and Nature of Injury, by Extent of Disability, etc.* — Continued.

LOCATION AND NATURE OF INJURY.	Per- manent Total, Deaths.	Per- manent Total Partial Disa- bilities.	NUMBER OF CASES.										
			TEMPORARY DISABILITIES.										
			1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 1 Year.	Total.
CUTS, PUNCTURES AND LACERATIONS.—Con.													
Lower Extremities.	1,479	1	302	385	221	193	104	190	56	18	7	2	1,478
Hip	—	—	2	1	2	1	1	—	2	—	—	—	9
Upper leg	9	—	13	14	11	11	5	6	2	—	—	—	62
Knee	62	—	15	26	17	16	12	25	2	3	—	1	117
Both knees	117	—	—	—	—	—	—	—	—	—	—	—	—
Lower leg	2	—	—	—	—	—	—	—	—	—	—	—	—
Leg, general	118	—	19	26	18	17	8	22	5	3	—	—	118
Both legs	164	—	26	33	25	21	10	36	9	3	1	—	164
Ankle	9	—	—	3	1	—	—	4	—	—	—	—	9
Both ankles	45	—	10	8	8	9	4	6	—	—	—	—	45
Instep	1	—	1	—	—	—	—	—	—	—	—	—	1
Heel	20	—	5	3	2	3	3	3	1	—	—	—	20
Foot	34	—	7	7	1	5	3	4	2	2	3	—	34
Both feet	720	1	167	224	113	90	41	54	21	5	3	1	719
Great toe	1	—	—	—	—	—	—	1	—	—	—	—	1
Lesser toe	121	—	26	28	16	17	11	16	5	2	—	—	121
One toe, not specified	27	—	3	6	4	2	4	3	5	—	—	—	27
Great toe and lesser toes or toe	14	—	6	1	3	—	—	3	1	—	—	—	14
Two or more lesser toes	10	—	1	2	—	—	1	5	1	—	—	—	10
Body.	5	—	1	2	—	—	—	2	—	—	—	—	5
Body, general	17	—	1	4	1	3	—	5	2	1	—	—	17
DISLOCATIONS.	133	—	6	12	7	12	13	36	23	13	7	2	131
Trunk.	8	—	—	2	2	1	—	2	1	—	—	—	8
Vertebrae	2	—	—	1	—	1	—	1	—	—	—	—	2
Sacro-iliac joint	1	—	—	—	—	—	—	—	—	—	—	—	1
Ribs	3	—	—	1	1	—	—	1	1	—	—	—	3
Sacrum and coccyx	1	—	—	—	—	—	—	—	1	—	—	—	1
Pelvis	1	—	—	—	1	—	—	—	—	—	—	—	1
Upper Extremities.	87	—	4	9	2	5	8	26	18	6	5	2	85
Clavicle	4	—	—	1	—	—	—	—	—	—	—	—	4
Shoulder joint	45	—	1	5	—	3	3	12	10	5	4	1	44
Humerus	1	—	—	—	—	1	—	—	—	—	—	—	1
Olecranon	10	—	—	1	—	—	2	4	2	1	—	—	10
Ulna	1	—	—	—	—	—	—	1	—	—	—	—	1
Radius and ulna	1	—	—	—	—	—	—	—	1	—	—	—	1

[illegible]

TABLE VIII. — Location and Nature of Injury, by Extent of Disability, etc. — Continued.

LOCATION AND NATURE OF INJURY.	Total. Deaths.	Per- manent Total Dis- abilities.	Per- manent Partial Dis- abilities.	NUMBER OF CASES.											Over 1 Year.
				TEMPORARY DISABILITIES.											
				1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Total.		
FRACTURES.—Con.															
One finger on each hand	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Index finger	78	—	—	—	5	5	8	45	9	2	2	—	—	—	78
Middle finger	68	—	—	2	4	5	11	30	8	5	2	—	—	—	68
Ring finger	63	—	—	4	1	8	7	26	11	2	2	—	—	—	63
Little finger	67	—	—	3	6	3	9	31	7	5	3	—	—	—	67
Thumb and one finger	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Two fingers	31	—	—	1	1	1	4	17	4	1	2	—	—	—	31
Three fingers	8	—	—	—	1	—	2	3	—	1	1	—	—	—	8
Four fingers	3	—	—	—	—	—	1	—	—	2	—	—	—	—	3
Lower Extremities.															
Hip joint	1,081	13	—	12	32	40	69	92	358	174	132	103	52	1,064	9
Femur	11	2	—	—	—	—	—	—	2	1	1	3	2	2	25
Patella	29	—	—	—	—	—	—	—	1	1	2	13	8	—	29
Both knees	30	1	—	—	—	—	—	2	5	4	10	7	1	—	25
Tibia	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Fibula	26	—	—	—	—	—	—	—	—	—	—	—	—	—	26
Tibia and fibula	43	1	—	—	—	—	—	—	5	6	8	6	—	—	43
Both heels	85	2	—	—	—	—	—	—	15	11	12	2	2	—	85
Both legs	5	1	—	—	—	—	—	—	11	9	28	28	7	—	5
Tarsus	9	1	—	—	—	—	—	—	—	3	1	—	4	—	9
Metatarsals	133	4	—	1	2	3	3	2	30	37	29	20	5	—	133
Both ankles	194	—	—	—	—	—	8	20	75	37	29	13	6	—	194
Ossicles	1	—	—	—	—	—	—	—	—	—	—	—	1	—	1
Both feet	29	—	—	—	—	—	—	—	3	7	4	7	8	—	29
Great toe	5	—	—	—	—	—	1	—	—	—	—	—	—	—	5
Lesser toe	341	—	—	27	19	44	46	46	155	37	5	2	1	—	341
One toe, not specified	65	—	—	1	7	7	14	26	4	4	1	—	—	—	65
Great toe and lesser toes or toe	34	—	—	2	6	2	3	14	6	6	—	—	—	—	34
Two or more lesser toes	24	—	—	1	1	1	3	3	8	8	1	—	—	—	24
	16	—	—	—	1	1	1	2	8	3	1	—	—	—	16
SPRAINS AND STRAINS.															
Head.	8,312	8	1	827	1,567	1,035	985	732	1,579	927	386	204	56	8,298	4
Both eyes	4	—	—	3	1	—	—	—	—	—	—	—	—	—	4
Head and shoulders	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1
	3	—	—	3	—	—	—	—	—	—	—	—	—	—	3
Face and Neck	36	—	—	6	9	4	4	3	5	3	1	—	1	—	36
Neck	36	—	—	6	9	4	4	3	5	3	1	—	1	—	36

Trunk.

Back	5,046	5	1	3	374	762	579	546	425	1,078	783	289	153	48	5,037
Thorax	3,463	2	1	3	288	604	490	439	336	701	270	168	117	44	3,457
Abdomen	137	-	-	-	11	16	6	11	7	10	3	5	1	-	70
Groin	97	-	-	-	26	24	18	22	13	20	12	4	2	-	137
External generative organs	6	-	-	-	11	17	10	12	9	19	13	4	2	-	97
Hernia	856	3	-	-	4	6	6	6	12	242	451	100	23	3	853
Side or sides	351	-	-	-	32	91	45	46	32	67	28	8	2	-	351
Sacro-iliac joint	66	-	-	-	2	2	4	9	15	18	6	2	7	1	66
Upper Extremities.															
Shoulder	1,144	-	-	1	143	262	133	167	121	203	54	35	22	3	1,143
Both shoulders	374	-	-	-	38	71	42	52	37	78	20	17	16	3	374
Upper arm	1	-	-	-	1	3	1	-	-	-	1	-	-	-	1
Elbow	6	-	-	-	1	8	5	5	4	4	1	-	2	-	6
Forearm	36	-	-	-	7	2	2	7	6	5	1	-	-	-	36
Wrist	24	-	-	-	1	2	32	59	45	48	17	8	1	-	24
Both wrists	335	-	-	1	44	80	2	13	13	31	4	4	2	-	334
Arm, general	7	-	-	-	-	2	19	1	1	1	1	-	-	-	7
Both arms, or one hand and one arm	132	-	-	-	20	26	3	1	1	4	1	-	-	-	132
Arm and leg	5	-	-	-	-	3	-	1	1	1	-	-	-	-	5
Hand, general	11	-	-	-	1	1	1	1	2	4	1	-	-	-	11
Both hands	95	-	-	-	11	31	15	10	6	14	7	1	-	-	95
Hand and foot	1	-	-	-	1	1	-	-	1	1	-	-	-	-	1
Both hands	2	-	-	-	-	2	-	-	1	1	-	-	-	-	2
Back of hand	3	-	-	-	1	2	-	-	-	-	-	-	-	-	3
Thumb	59	-	-	-	11	13	5	10	4	9	3	3	1	-	59
Index finger	10	-	-	-	4	2	1	1	1	2	10	1	-	-	10
Middle finger	9	-	-	-	2	2	1	1	1	3	-	1	-	-	9
Ring finger	6	-	-	-	3	3	2	3	1	1	-	-	-	-	6
Little finger	12	-	-	-	2	2	2	3	1	1	-	-	-	-	12
Thumb and one finger	5	-	-	-	1	2	1	1	-	1	-	-	-	-	5
Two fingers	3	-	-	-	1	2	1	1	-	1	-	-	-	-	3
Three fingers	2	-	-	-	-	1	-	-	-	-	-	-	-	-	2
Four fingers	1	-	-	-	-	1	-	-	-	-	-	-	-	-	1
One finger, not specified	4	-	-	-	1	2	1	-	-	-	-	-	-	-	4
Both Thumbs	1	-	-	-	1	-	1	-	-	-	-	-	-	-	1
Lower Extremities.															
Hip	2,039	-	-	1	294	522	312	265	180	288	84	59	30	4	2,038
Both hips	53	-	-	-	6	19	7	3	3	10	3	2	-	-	53
Upper leg	1	-	-	-	1	1	1	-	1	-	-	-	-	-	1
Knee	25	-	-	-	6	8	3	2	3	8	-	-	-	-	25
Both knees	387	-	-	1	34	58	53	54	34	78	31	24	16	4	386
Both legs or one leg and one foot	2	-	-	-	-	3	1	-	3	1	1	2	-	-	2
Lower leg	14	-	-	-	1	3	1	-	3	5	1	-	-	-	14
Leg, general	28	-	-	-	5	7	5	2	2	5	2	-	-	-	28
Ankle	182	-	-	-	14	30	33	21	27	26	8	10	4	-	182
Both ankles	1,129	-	-	-	101	325	173	153	91	135	35	17	9	-	1,129
Instep	5	-	-	-	-	9	1	2	2	1	-	-	-	-	5
Heel	19	-	-	-	4	6	2	2	2	5	-	-	-	-	19
	17	-	-	-	1	-	2	1	2	-	-	-	-	-	17

TABLE VIII. — *Location and Nature of Injury, by Extent of Disability, etc.* — Continued.

LOCATION AND NATURE OF INJURY.	Per- manent Total Dis- abilities.	Per- manent Partial Dis- abilities.	NUMBER OF CASES.											
			TEMPORARY DISABILITIES.											
			1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 1 Year.	Total.	
SPRAINS AND STRAINS.—Con.														
Foot	—	—	32	45	29	21	7	19	4	4	1	—	162	3
Both feet	—	—	—	1	—	1	4	1	—	—	—	—	10	2
Great toe	—	—	—	—	—	1	—	—	—	—	—	—	—	—
Lesser toe	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Body, general	—	—	7	11	7	3	3	5	2	2	—	—	40	40
Head, general	—	—	7	11	7	3	3	5	2	2	—	—	40	40
ALL OTHER.														
Head	56	2	525	754	376	398	286	601	217	129	86	25	3,397	25
Eye	4	—	174	173	84	80	33	62	20	11	9	6	632	6
Both eyes	—	—	128	124	59	56	25	35	9	4	2	2	444	2
Internal ear	1	—	21	20	8	7	2	9	2	—	—	1	70	1
Internal ear	—	—	1	1	1	1	—	—	—	—	—	—	3	—
Internal ear or ears	—	—	1	—	1	1	—	—	1	—	—	—	4	—
External ear	4	—	1	—	1	1	—	—	—	—	—	—	4	—
Scalp	3	—	23	26	14	13	4	17	8	7	7	2	121	4
Head, general	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Head and shoulders	—	—	—	—	1	1	1	1	—	—	—	1	5	—
Face and Neck.														
Forehead	92	1	21	27	12	14	2	12	2	—	—	—	90	—
Eyelids	5	—	3	2	—	—	—	—	—	—	—	—	5	—
Nose	4	—	1	1	—	1	1	—	—	—	—	—	4	—
Cheek	12	—	3	1	4	3	—	—	—	—	—	—	11	—
Teeth	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Lips and chin	17	—	6	7	1	3	—	—	—	—	—	—	17	—
Face, general	8	1	2	3	—	5	—	1	1	—	—	—	18	—
Neck	18	—	2	5	4	5	—	1	1	—	—	—	16	—
Throat	16	—	1	4	2	1	1	7	—	—	—	—	3	—
Face and hands or arms	3	—	3	2	1	—	—	3	1	—	—	—	8	—
Trunk.														
Spinal cord	626	15	62	118	64	70	54	133	45	33	23	8	610	8
Back	6	5	—	—	—	—	—	—	—	—	—	—	310	—
Thorax	313	4	25	60	36	36	23	62	25	17	18	8	69	—
Abdomen	73	—	7	17	6	4	4	17	4	6	1	—	47	—
Groin	48	1	8	10	3	3	5	10	3	4	1	—	26	—
Anus, perineum or rectum	26	—	3	6	—	1	—	5	3	2	1	—	26	—
	2	—	—	—	—	—	—	—	—	—	—	—	2	—

External generative organs	45	1	1	1	2	5	6	2	116	95	153	20	1	2	1	44
Side or sides	104	1	1	1	16	17	12	19	14	4	24	17	7	2	1	103
Buttocks	9	1	1	1	3	3	—	—	—	—	—	—	1	—	—	9
Upper Extremities.																
Shoulder	871	—	—	—	109	189	101	116	—	—	—	—	60	4	17	868
Both shoulders	102	—	—	—	9	23	4	14	—	—	—	—	13	2	5	99
Upper arm	1	—	—	—	—	1	—	—	—	—	—	—	—	—	—	1
Elbow	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2
Forearm	79	—	—	—	11	12	9	8	13	13	13	—	8	3	2	79
Wrist	18	—	—	—	6	12	11	7	4	3	3	—	3	—	—	18
Arm, general	60	—	—	—	13	28	12	6	9	13	16	—	3	3	2	60
Both arms, or one hand and one arm	110	—	—	—	28	6	6	2	—	—	—	—	9	7	2	110
Arm and leg	14	—	—	—	2	3	1	—	—	—	—	—	—	—	—	14
Hand, general	127	—	—	—	24	28	14	15	1	11	20	—	7	3	5	127
Both hands	14	—	—	—	—	6	2	1	—	—	—	—	—	—	—	14
Hand and foot	3	—	—	—	—	1	—	—	—	—	—	—	—	—	—	3
Palm	38	—	—	—	6	6	5	8	—	—	—	—	—	—	—	38
Back of hand	17	—	—	—	3	3	3	3	—	—	—	—	—	—	—	17
Thumb	71	—	—	—	10	14	9	10	8	8	13	—	6	1	1	71
Index finger	43	—	—	—	4	8	4	11	5	5	8	—	3	—	—	43
Middle finger	57	—	—	—	6	12	7	9	10	10	6	—	3	3	1	57
Ring finger	25	—	—	—	2	8	2	3	3	3	5	—	1	—	—	25
Little finger	26	—	—	—	4	6	4	2	2	3	5	—	2	—	—	26
Thumb and one finger	3	—	—	—	—	—	1	—	—	—	—	—	1	3	—	3
Thumb and two or more fingers	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Two fingers	14	—	—	—	1	1	3	2	2	1	2	—	3	1	—	14
Three fingers	7	—	—	—	2	1	1	—	—	—	—	—	—	—	—	7
Four fingers	5	—	—	—	1	1	—	—	—	—	—	—	—	—	—	5
One finger, not specified	18	—	—	—	4	6	3	2	—	—	—	—	—	—	—	18
One finger on both hands	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2
Lower Extremities.																
Hip	856	—	—	—	103	181	85	85	73	183	65	46	27	6	854	
Upper leg	29	—	—	—	3	4	5	5	2	4	3	2	1	—	—	29
Knee	13	—	—	—	1	3	—	2	—	4	2	1	—	—	—	13
Both knees	322	—	—	—	28	50	30	28	25	77	33	27	21	3	322	5
Lower leg	5	—	—	—	5	5	—	—	—	—	—	—	—	—	—	5
Leg, general	30	—	—	—	5	5	2	2	4	6	3	2	—	—	—	29
Both legs or one leg and one foot	141	—	—	—	13	31	10	12	14	38	9	8	3	2	140	8
Leg, general	8	—	—	—	—	—	1	2	1	2	2	2	—	—	—	8
Ankle	83	—	—	—	15	24	6	10	9	14	1	2	2	1	83	1
Both ankles	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Heel	12	—	—	—	3	3	5	1	—	—	—	—	—	—	—	12
Foot	129	—	—	—	22	37	14	11	10	24	7	2	2	—	—	129
Both feet	4	—	—	—	—	—	1	5	1	1	—	—	—	—	—	4
Great toe	35	—	—	—	6	8	5	3	5	5	—	—	1	—	—	35
Lesser toe	15	—	—	—	3	6	1	3	—	2	—	—	—	—	—	15
One toe, not specified	8	—	—	—	4	1	1	1	—	—	—	—	—	—	—	8
Great toe and lesser toes or toe	5	—	—	—	—	1	1	1	1	—	—	—	—	—	—	5
Instep	12	—	—	—	—	5	3	—	—	—	—	—	—	—	—	12
Two or more lesser toes	4	—	—	—	—	2	—	—	—	—	2	—	—	—	—	4

ELECTRIC SHOCKS.

Body.	15	8	21	55	99	77	75	60	116	47	2	1	1	1	661
Body, general	15	8	-	1	-	-	2	-	-	-	2	-	-	-	7
Head.	15	8	-	1	-	-	2	-	-	-	2	-	-	-	7
Eye	698	16	-	2	5	-	1	-	116	-	47	-	-	-	9
Both eyes	9	-	-	2	4	-	-	-	1	-	-	-	-	-	1
Head and shoulders, general	7	-	-	2	-	-	1	-	-	-	-	-	-	-	7
Face and Neck.	87	-	-	8	15	20	11	8	10	8	4	3	-	-	87
Forehead	2	-	-	-	1	1	-	-	-	-	-	-	-	-	2
Eyelids	1	-	-	-	-	-	-	1	-	-	-	-	-	-	2
Nose	4	-	-	2	1	-	1	-	-	-	-	-	-	-	1
Face, general	27	-	-	2	6	9	1	1	4	2	2	-	-	-	4
Neck	5	-	-	2	-	1	-	1	1	-	-	-	-	-	7
Throat	2	-	-	2	7	9	9	5	5	1	-	-	-	-	5
Face and hands or arms	46	-	-	2	-	-	-	-	-	5	2	2	-	-	46
Trunk.	4	-	-	-	-	1	-	1	2	-	-	-	-	-	4
Abdomen	3	-	-	-	-	1	-	1	1	-	-	-	-	-	3
Buttocks	1	-	-	-	-	-	-	-	1	-	-	-	-	-	1
Upper Extremities.	316	-	-	27	37	30	36	35	74	25	32	18	2	-	316
Forearm	1	-	-	-	-	1	1	-	1	-	-	-	-	-	2
Wrist	2	-	-	-	3	2	1	-	2	-	1	-	-	-	2
Arm, general	12	-	-	8	11	7	7	7	18	-	-	-	-	-	12
Both arms, or one hand and one arm	73	-	-	3	2	1	3	1	1	5	4	5	1	-	73
Arm and leg	12	-	-	3	2	3	9	7	9	1	3	-	-	-	12
Hand, general	42	-	-	4	15	9	12	18	39	1	19	4	-	-	42
Both hands	142	-	-	1	-	-	-	-	-	16	-	-	1	-	142
Hand and foot	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Palm	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Back of hand	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Thumb	7	-	-	1	1	2	1	-	-	1	1	-	-	-	7
Index finger	2	-	-	-	-	-	1	-	-	-	-	-	-	-	2
Middle finger	6	-	-	1	1	1	1	1	1	1	1	-	-	-	6
Ring finger	1	-	-	1	-	-	-	-	-	-	-	-	-	-	1
Thumb and one finger	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Thumb and two or more fingers	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Two fingers	6	-	-	-	1	1	1	-	3	1	-	-	-	-	6
Four fingers	2	-	-	-	-	1	-	-	-	-	-	-	-	-	2
One finger, not specified	1	-	-	-	-	1	-	-	-	-	-	-	-	-	1
Lower Extremities.	17	-	-	2	4	3	4	1	2	-	1	-	-	-	17
Lower leg	1	-	-	-	-	-	1	-	-	-	-	-	-	-	1
Leg, general	6	-	-	1	2	3	1	-	-	-	-	-	-	-	6
Both legs, or one leg and one foot	3	-	-	1	-	-	1	-	1	-	-	-	-	-	3
Foot	4	-	-	-	1	-	1	1	-	-	-	-	-	-	4

TABLE IX. — *Cases of Infection, by Nature of Injury, July 1, 1932, to June 30, 1933.*

NATURE OF INJURY.	Total.	Fatals.	Permanent	Permanent	Temporary
			Total Disabilities.	Partial Disabilities.	Total Disabilities.
Abrasions, contusions and bruises	432	3	—	—	429
Burns	80	—	—	—	80
Cuts, punctures and lacerations.	2,013	6	—	1	2,006
Fractures	6	2	—	—	4
Sprains and strains	3	—	—	1	2
All other.	420	1	—	2	417
Amputations	31	—	—	31	—
Grand total	2,985	12	—	35	2,938

TABLE X. — *Causes of Injuries, by Extent of Disability, July 1, 1932, to June 30, 1933.*

CAUSES.	NUMBER OF TABULATABLE INJURIES.						DAYS LOST DUE TO —									
	TEMPORARY DISABILITIES.						TEMPORARY DISABILITIES.									
	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.
Machinery.	4,184	10	365	1,744	478	483	1,104	438,900	60,000	245,150	114,718	8,675	5,627	4,730		
PRIME MOVERS.	38	3	18	5	4	8	2,417	900	1,347	94	46	30	8	30		
Compressed air motors	17	—	8	2	2	3	1,361	697	600	34	22	14	7	8		
Electric motors and dynamos	5	—	3	3	1	1	139	—	118	—	—	—	—	—		
Gas and gasoline engines	8	—	1	3	—	3	434	300	112	—	—	—	10	12		
Steam engines	2	—	2	2	—	—	336	39	—	—	336	39	—	—		
Water motors	2	—	—	—	—	—	—	—	—	—	—	—	—	—		
Other prime movers	4	—	—	2	1	1	108	—	—	—	84	21	—	—	3	
POWER-TRANSMISSION APPARATUS.	47	—	7	22	4	4	6,876	—	—	4,200	2,517	74	53	32		
Belts and pulleys	32	—	4	17	3	2	5,498	—	—	3,300	2,080	59	27	22		
Chains and sprockets	2	—	1	—	—	—	302	—	—	300	—	—	—	—	2	
Cogs, cams, gears, and friction wheels	3	—	1	1	1	—	329	—	—	300	25	—	—	4		
Shafts	10	—	1	4	1	2	747	—	—	300	402	15	26	4		
FARM MACHINES.	7	—	1	3	—	3	433	—	—	300	103	—	30	—		
Miscellaneous machines	6	—	1	2	—	3	411	—	—	300	81	—	30	—		
Hay pressers and balers	1	—	—	1	—	—	22	—	—	—	22	—	—	—		
ENGINEERING AND CONTRACTING MACHINES.	112	—	5	48	13	10	7,108	—	—	1,950	4,676	230	102	150		
Miscellaneous machines	73	—	4	31	5	6	4,887	—	—	1,650	2,981	88	61	107		
Concrete mixers	19	—	4	8	4	3	1,140	—	—	—	1,017	74	28	21		
Grouting machines and cement guns	1	—	—	1	—	—	89	—	—	—	89	—	—	—		
Road rollers	5	—	1	1	1	3	234	—	—	—	200	18	—	16		
Rock drills	13	—	1	6	3	1	702	—	—	300	333	50	13	6		
Well drills	1	—	—	1	—	—	56	—	—	—	56	—	—	—		
CHEMICAL PRODUCTS MACHINES.	6	—	1	2	1	—	385	—	—	300	55	21	—	9		
Paints, Varnishes, Dry Colors, Inks and Dyes	3	—	—	1	1	—	48	—	—	—	25	21	—	2		
Miscellaneous machines	1	—	—	—	—	—	7	—	—	—	—	—	—	—	7	
Crushers	2	—	1	1	—	—	330	—	—	300	30	—	—	—		
Pony and paint mixers	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Soaps, Greases, Oils and Fertilizers.	2	—	—	2	—	—	100	—	—	—	100	—	—	—		
Miscellaneous machines	2	—	—	2	—	—	100	—	—	—	100	—	—	—		

TABLE X. — Cause of Injuries, by Extent of Disability, etc. — Continued.

CAUSES.	NUMBER OF TABULATABLE INJURIES.						DAYS LOST DUE TO —				
	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.			Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.
					Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.				
Machinery.—Con.											
Metal working machines.—Con.											
Boring machines or mills (horizontal and vertical)	7	—	—	—	2	1	3	1	137	42	4
Drill (drill presses) (radial and upright or goose neck)	70	—	—	1	28	4	9	28	2,239	102	117
Hammers and Forging Machines.											
Hammers and forging machines, N. O. C.	4	—	—	—	2	1	—	1	88	—	2
Drop hammers	13	—	—	4	5	1	2	1	1,801	18	6
Forging hammers	1	—	—	—	—	—	1	—	14	14	—
Upsetting machines	1	—	—	—	1	—	—	—	25	—	—
Lathes and Automatic Screw Machines.											
Lathes and automatic screw machines, N. O. C.	1	—	—	1	—	—	—	—	—	—	—
Lathes	47	—	—	3	15	8	5	16	300	59	69
Screw machines	3	—	—	—	1	1	—	1	53	20	4
Turret lathes	5	—	—	—	1	1	—	3	77	19	12
									41	—	—
Milling and Gear-Cutting Machines.											
Milling and gear-cutting machines.	8	—	—	3	1	—	2	2	3,925	19	6
Broaching machines	2	—	—	—	1	—	—	1	34	—	2
Die sinkers	2	—	—	1	1	—	—	—	31	—	—
Gear cutting machines	2	—	—	—	2	—	—	—	97	—	—
Milling machines	13	—	—	1	5	2	2	3	618	36	8
Profileers	1	—	—	—	1	—	—	—	32	—	—
Slotters	1	—	—	—	1	—	—	—	47	—	—
Molding machines (core, sandmixers, tamping machines)	8	—	—	1	2	2	1	2	347	8	12
Planers and shapers	11	—	—	1	4	2	—	4	216	42	16
Planers	1	—	—	—	1	1	—	—	91	—	—
Polishers and buffers	38	—	—	—	17	4	4	12	1,075	51	57
Portable power tools	21	—	—	—	5	4	3	9	230	30	39

Presses and Punches (Power)

Miscellaneous presses	32	16	8	2	1	5	7,367	-	-	-	6,750	550	33	11	23
Arbor presses	5	-	1	1	-	2	371	-	-	-	300	41	20	-	10
Bull dozers	1	-	1	-	-	-	74	-	-	-	-	74	-	-	7
Draw presses	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Embossing presses	1	-	-	-	-	-	3,000	-	-	-	-	-	-	-	-
Punch, stamping and trimming presses	59	10	20	3	2	6	10,500	-	-	-	-	1,556	49	20	25
Punch and eyeletting machines	1	-	-	-	-	1	3	-	-	-	-	-	-	-	3
Punch and riveting presses	1	-	-	-	-	3	1,273	-	-	-	-	-	-	-	13
Punch and shearing machines	1	-	-	-	-	4	3,043	-	-	-	-	600	21	-	16
Presses (foot and hand operated)	28	3	20	1	-	4	37	-	-	-	-	1,206	-	-	8
Presses (hydraulic, pneumatic and screw)	14	-	1	3	3	3	280	-	-	-	-	174	55	33	18
Reamers	12	-	4	3	1	2	2,191	-	-	-	-	312	55	13	11
Rolling and blooming mills	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-
<i>Saws.</i>															
Miscellaneous saws	11	-	7	1	2	1	437	-	-	-	-	384	19	22	2
Band saws	3	-	-	1	1	1	36	-	-	-	-	-	16	13	7
Circular saws	8	-	2	1	1	1	2,189	-	-	-	-	64	21	-	4
Hack saws	1	-	1	-	-	-	72	-	-	-	-	72	-	-	-
Scroll or jig saws	1	-	-	-	-	1	5	-	-	-	-	-	-	-	5
Shears	11	-	6	-	-	-	3,058	-	-	-	-	636	-	-	-
Welding and gear cutting machines	9	-	2	-	2	5	98	-	-	-	-	55	-	22	-
Wire working machines	11	-	2	3	-	3	832	-	-	-	-	160	56	21	16
Wire and tube working machines	9	-	2	1	2	2	729	-	-	-	-	70	21	27	11
<i>LEATHER WORKING MACHINES.</i>															
<i>Leather Products.</i>															
Miscellaneous leather machines	626	41	244	90	79	172	51,988	-	-	-	-	14,600	1,625	930	733
Buffing and scouring machines	492	30	181	77	63	141	38,843	-	-	-	-	10,091	1,395	744	613
Cutting machines	13	2	17	10	4	16	2,041	-	-	-	-	600	1,130	195	73
Punching and pressing machines	47	-	2	1	3	7	167	-	-	-	-	77	17	37	36
Sewing machines	10	-	20	6	3	13	5,280	-	-	-	-	4,200	878	112	38
Miscellaneous shoemaking machines	46	-	3	3	2	1	943	-	-	-	-	106	56	25	6
Rolling machines	91	6	12	11	6	16	1,712	-	-	-	-	900	192	73	67
Lacing machines	4	-	32	14	12	27	4,411	-	-	-	-	2,100	1,812	250	114
Stamping machines	5	-	4	-	-	1	195	-	-	-	-	195	-	-	-
Lasting machines	11	-	7	2	2	1	370	-	-	-	-	317	42	20	2
Eyeletting machines	3	-	23	7	6	13	1,755	-	-	-	-	906	120	73	56
Trimming machines	22	3	8	3	4	3	10	-	-	-	-	-	-	-	10
Drinking machines	37	1	11	3	9	13	4,949	-	-	-	-	280	52	48	19
Nailers and tackers	23	3	21	4	1	3	3,494	-	-	-	-	300	56	114	52
Skiving machines	24	-	5	4	3	11	325	-	-	-	-	1,950	68	14	12
Grading and sorting machines	8	-	6	4	6	8	474	-	-	-	-	172	69	34	50
Embossing machines	16	-	3	-	1	4	477	-	-	-	-	450	71	71	44
Tanneries.	134	11	63	13	16	31	11,064	-	-	-	-	982	20	9	3
Miscellaneous machines	59	-	25	9	5	16	13,145	-	-	-	-	4,509	230	186	120
Buffing drums	13	-	9	1	-	3	4,907	-	-	-	-	3,300	154	55	65
Fleshing, shaving and skiving machines	31	-	10	2	10	5	1,131	-	-	-	-	1,096	21	-	14
							4,407	-	-	-	-	639	34	120	14

TABLE X. — Causes of Injuries, by Extent of Disability, etc. — Continued.

CAUSES.	NUMBER OF TABULATABLE INJURIES.					DAYS LOST DUE TO —				
	TEMPORARY DISABILITIES.					TEMPORARY DISABILITIES.				
	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	7 Days and under.	Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.	
Machinery.—Con.										
LEATHER WORKING MACHINES.—Con.										
<i>Tanneries.—Con.</i>										
Jacke-feling, glazing, rolling, etc.	19	—	—	3	4	12	—	—	—	16
Setting up or out machines	4	—	—	—	1	3	—	—	—	6
Splitting machines	8	—	—	—	1	4	1	1	2	5
WOODWORKING MACHINES.										
Miscellaneous machines	427	1	74	—	80	200	42	30	—	358
Boring machines and drills	54	—	7	—	14	22	6	5	—	70
Broom and brush making machines	8	—	—	—	3	4	—	1	—	13
	4	—	—	—	1	3	—	—	—	7
Lathes.										
Lathes, miscellaneous	14	—	1	—	5	5	1	2	—	21
Button lathes (ivory, etc.)	1	—	—	—	—	—	1	—	—	—
Shoe last machines	1	—	—	—	1	—	—	—	—	7
Presses.										
Miscellaneous presses	1	—	—	1	—	—	—	—	—	—
Box board squeezers	2	—	—	—	—	1	1	—	—	—
Box nailers	1	—	—	—	—	—	—	—	—	—
Hoop presses	1	—	—	—	—	1	—	—	—	—
Tenoning, Planing and Molding Machines.										
Edgers	2	—	—	—	—	2	—	—	—	—
Jointers	9	1	2	—	1	4	—	1	—	3
Matchers	4	—	2	—	—	2	—	—	—	—
Molders	18	—	5	—	2	8	3	2	—	25
Planers	62	—	11	—	5	35	6	5	—	58
Stickers	1	—	—	—	—	1	—	—	—	—
Tenoners	3	—	—	—	1	1	—	—	—	4
Sanding machines, N. O. C.	9	—	1	—	4	1	2	2	—	16
Disc machines	2	—	—	—	—	1	—	1	—	—
Saws.										
Miscellaneous saws	121	—	—	20	29	53	13	6	—	227
Band saws	7	—	—	—	2	3	1	1	—	17
										66
										128
										7

Saws.—*Con.*

Band re-saws	.	.	.	.	.	3	—	1	—	—	1	1	1	—	—	634	—	—	21	13	—
Jig or scroll	.	.	.	.	.	3	—	1	—	—	1	1	1	—	—	1,860	—	—	—	12	—
Saws, N. O. C.	.	.	.	.	.	3	—	1	—	—	1	1	1	—	—	19,462	—	—	94	14	—
Circular saws	.	.	.	.	.	85	—	47	5	1	12	—	—	—	—	2,657	—	—	—	—	—
Dado	.	.	.	.	.	2	—	1	—	—	1	—	—	—	—	72	—	—	—	—	—
Gang circular	.	.	.	.	.	1	—	1	—	—	1	—	—	—	—	90	—	—	—	—	—
Spring saws	.	.	.	.	.	2	—	1	—	—	—	—	—	—	—	48	—	—	15	—	—
Shapers, N. O. C.	.	.	.	.	.	5	—	3	1	—	—	—	—	—	—	33	—	—	15	—	—
PAPER PRODUCTS MACHINES.																					
Miscellaneous machines	.	.	.	.	.	117	—	51	11	17	24	—	—	—	—	15,393	—	—	194	193	101
Gluing machines	.	.	.	.	.	53	—	27	2	9	9	—	—	—	—	8,733	—	—	38	102	34
Automatic box making machines	.	.	.	.	.	6	—	4	—	—	1	—	—	—	—	197	—	—	—	11	2
Bag and envelope making machines	.	.	.	.	.	18	—	3	5	2	5	—	—	—	—	1,615	—	—	84	23	27
Corner staying machines	.	.	.	.	.	5	—	3	1	—	1	—	—	—	—	151	—	—	20	—	6
Cutting and punching machines	.	.	.	.	.	4	—	3	—	—	1	—	—	—	—	96	—	—	—	—	2
Die cutters	.	.	.	.	.	4	—	1	1	1	1	—	—	—	—	63	—	—	15	14	4
Guillotines	.	.	.	.	.	2	—	—	—	—	1	—	—	—	—	3	—	—	3	—	3
Paper cutter (hand)	.	.	.	.	.	2	—	—	—	—	1	—	—	—	—	19	—	—	—	12	7
Punches (presses)	.	.	.	.	.	4	—	—	—	—	—	—	—	—	—	1,361	—	—	—	11	—
Rotary cutters	.	.	.	.	.	2	—	1	—	—	—	—	—	—	—	1,850	—	—	—	—	—
Saws	.	.	.	.	.	1	—	—	—	—	—	—	—	—	—	23	—	—	—	—	—
Corrugating machines (not rolls)	.	.	.	.	.	3	—	1	1	1	1	—	—	—	—	61	—	—	—	8	4
Ending machines	.	.	.	.	.	2	—	1	—	—	—	—	—	—	—	208	—	—	19	—	—
Embossing rolls or calenders	.	.	.	.	.	2	—	1	—	—	—	—	—	—	—	332	—	—	—	—	—
Embossing presses	.	.	.	.	.	4	—	3	—	—	—	—	—	—	—	493	—	—	—	—	3
Folding presses	.	.	.	.	.	2	—	1	—	—	1	—	—	—	—	58	—	—	—	—	7
	.	.	.	.	.	4	—	1	1	1	1	—	—	—	—	110	—	—	18	12	2
PAPER MAKING MACHINES.																					
Miscellaneous	.	.	.	.	.	83	—	34	10	7	24	—	—	—	—	12,815	—	—	186	82	104
	.	.	.	.	.	38	—	14	6	4	9	—	—	—	—	9,846	—	—	118	49	35
Barkers, Splitters, Grinders, N. O. C.																					
Barkers	.	.	.	.	.	2	—	—	—	—	2	—	—	—	—	9	—	—	—	—	9
Splitters	.	.	.	.	.	3	—	1	—	1	1	—	—	—	—	42	—	—	—	12	2
Beaters (including rag washers)	.	.	.	.	.	5	—	1	—	—	4	—	—	—	—	49	—	—	—	—	22
Cutters and slitters	.	.	.	.	.	9	—	3	2	—	3	—	—	—	—	735	—	—	32	—	15
Paper machines, N. O. C.	.	.	.	.	.	3	—	1	—	1	1	—	—	—	—	46	—	—	—	12	3
Apron	.	.	.	.	.	1	—	1	—	—	—	—	—	—	—	98	—	—	—	—	—
Calenders	.	.	.	.	.	10	—	7	1	—	1	—	—	—	—	628	—	—	—	—	7
Doctors	.	.	.	.	.	1	—	1	—	—	—	—	—	—	—	124	—	—	20	—	—
Driers	.	.	.	.	.	9	—	4	—	1	3	—	—	—	—	1,157	—	—	—	9	11
Suction rolls	.	.	.	.	.	1	—	1	—	—	—	—	—	—	—	65	—	—	—	—	—
Wire machines	.	.	.	.	.	1	—	—	1	—	—	—	—	—	—	16	—	—	16	—	—
PRINTING AND BOOKBINDING MACHINES.																					
Linotypes	.	.	.	.	.	94	—	40	13	12	24	—	—	—	—	6,393	—	—	246	138	98
Monotypes	.	.	.	.	.	9	—	4	1	—	4	—	—	—	—	230	—	—	18	—	19
	.	.	.	.	.	1	—	—	1	—	—	—	—	—	—	14	—	—	—	14	—
Presses.																					
Binding presses	.	.	.	.	.	4	—	2	—	—	1	—	—	—	—	400	—	—	—	—	4
Printing presses	.	.	.	.	.	43	—	17	9	7	9	—	—	—	—	1,987	—	—	173	77	38
Flat bed cylinder presses	.	.	.	.	.	5	—	3	—	—	1	—	—	—	—	1,646	—	—	—	—	2

TABLE X. — *Causes of Injuries, by Extent of Disability, etc.* — Continued.

CAUSES.	NUMBER OF TABULATABLE INJURIES.				DAYS LOST DUE TO —			
	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.			
					Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.
Machinery.—Con.								
PAPER-MAKING MACHINES.—Con.								
Presses.—Con.								
Job platen presses	7	—	1	1	3	—	—	3
Web newspaper presses	1	—	1	—	—	—	—	—
Sewing machines	4	—	—	—	—	—	—	—
Wire stitchers	4	—	—	—	2	—	—	2
Other printing machines	10	—	—	—	2	1	3	4
Other book-binding machines	9	—	—	—	6	2	1	—
TEXTILE MACHINES.								
Miscellaneous machines	741	—	59	—	297	90	94	201
Washers	78	—	5	—	38	13	6	16
Driers	12	—	—	—	7	1	1	—
Scouring machines	3	—	—	—	2	—	—	—
Brading and knitting machines	26	—	—	—	1	—	—	—
Carding and combing machines	95	—	17	—	9	10	7	2
Cards	1	—	—	—	1	—	—	—
Combs	16	—	—	—	35	10	9	24
Garnett machines	17	—	3	—	7	1	2	6
Slubbers	1	—	—	—	8	1	2	3
Speeders	12	—	—	—	1	2	—	—
Gill box tenders	4	—	2	—	6	2	—	3
Cloth cutting and stamping machines	13	—	1	—	6	1	2	—
Folding machines	11	—	—	—	7	2	1	1
Dyeing, Finishing and Printing Machines								
Dyeing and finishing machines	41	—	2	—	19	4	7	9
Shearing machines	9	—	1	—	3	2	1	1
Lappers	4	—	1	—	1	1	—	—
Hot making machines	8	—	1	—	2	1	1	4
Openers	1	—	—	—	—	—	—	—
Pickers	25	—	2	—	10	3	4	6
Rag pickers	2	—	—	—	—	—	—	—
Presses	2	—	—	—	1	—	—	1
Rope making machines	7	—	—	—	4	2	1	—
Sewing machines	16	—	—	—	2	2	3	9
TEMPORARY DISABILITIES.								
Over 3 Weeks.	1,800	—	—	—	318	34	9	5
2 to 3 Weeks.	314	—	—	—	265	35	—	—
1 to 2 Weeks.	45	—	—	—	42	—	—	—
7 Days and under.	180	—	—	—	69	37	—	—
DEATHS.								
Total.	180	—	—	—	69	35	—	—
PERMANENT TOTAL DISABILITIES.								
Over 3 Weeks.	1,987	—	—	—	318	34	9	5
2 to 3 Weeks.	450	—	—	—	265	35	—	—
1 to 2 Weeks.	122	—	—	—	42	—	—	—
7 Days and under.	845	—	—	—	69	37	—	—
PERMANENT PARTIAL DISABILITIES.								
Over 3 Weeks.	1,987	—	—	—	318	34	9	5
2 to 3 Weeks.	450	—	—	—	265	35	—	—
1 to 2 Weeks.	122	—	—	—	42	—	—	—
7 Days and under.	845	—	—	—	69	37	—	—
PERMANENT TOTAL DISABILITIES.								
Over 3 Weeks.	1,987	—	—	—	318	34	9	5
2 to 3 Weeks.	450	—	—	—	265	35	—	—
1 to 2 Weeks.	122	—	—	—	42	—	—	—
7 Days and under.	845	—	—	—	69	37	—	—
PERMANENT PARTIAL DISABILITIES.								
Over 3 Weeks.	1,987	—	—	—	318	34	9	5
2 to 3 Weeks.	450	—	—	—	265	35	—	—
1 to 2 Weeks.	122	—	—	—	42	—	—	—
7 Days and under.	845	—	—	—	69	37	—	—

Spinning machines, N. O. C.	16	1	7	1	2	0	642	283	25	34
Jacks and mules	6	—	2	1	1	6	107	74	17	4
Spinning frames	48	6	15	6	5	16	6,177	991	110	75
Drawing frames	18	5	5	2	1	5	1,876	304	35	24
Spoolers	11	2	2	2	2	3	750	80	34	22
Twisting machines	13	1	4	3	4	3	724	320	56	46
Weaving machines, N. O. C.	31	1	9	6	3	12	1,148	358	111	34
Looms	158	5	71	20	20	42	8,464	4,675	354	249
Warpers	7	1	1	1	4	4	408	70	15	186
Winders, doublers and quillers	25	—	9	3	8	5	818	651	53	28
RUBBER, CELLULOID, COMPOSITION, PEARL, BONE AND TORTOISE SHELL (GOVERN- MENT MACHINES).	129	10	57	17	17	28	16,091	3,617	206	113
Miscellaneous machines	62	7	25	11	6	13	8,176	1,703	199	52
Calenders	9	2	4	1	1	1	5,719	290	18	3
Comb cutting machines and ornament shapers	5	—	3	—	1	1	124	109	13	2
Cutting and punching machines	5	—	2	2	2	1	108	74	27	7
Cutting and slitting machines	8	—	4	1	1	2	288	253	16	7
Drills (button) etc.	4	—	—	—	2	2	30	—	24	6
Grinding, washing, milling and cracking machines	11	—	6	1	—	4	378	343	15	20
Lathes (button) etc.	3	—	2	—	1	—	87	73	—	—
Mixers (not of calendar type)	1	—	1	—	—	—	44	44	—	—
Presses, foot and hand operated	9	1	1	—	1	2	536	237	—	7
Presses and punches (mechanical)	4	—	1	1	1	1	121	85	18	5
Rubber band choppers and cutters	2	—	1	1	1	—	72	54	18	—
Rubber band choppers and cutters	4	—	1	1	1	1	71	35	21	4
Saws (button) etc.	2	—	2	—	—	—	317	317	—	—
Tire and tube making machines	—	—	—	—	—	—	—	—	—	—
LAUNDRY MACHINES.	62	3	26	8	5	20	3,133	1,641	155	77
Miscellaneous machines	20	—	9	1	2	8	852	774	20	60
Extractors	6	—	4	1	1	1	389	374	25	33
Ironing machines	11	1	3	1	2	4	737	82	13	2
Body ironers	3	—	2	1	—	—	84	63	21	—
Flat work ironers	3	—	2	1	—	1	55	53	—	2
Mangles	4	1	1	1	—	1	427	105	17	5
Washing machines	15	1	5	4	—	5	589	190	77	22
MISCELLANEOUS.	42	—	11	3	13	15	874	599	54	69
Office machinery	10	—	—	—	3	7	58	—	33	25
Not specified machinery	32	—	11	3	10	8	816	599	54	44
MACHINES OTHER THAN WORKING MACHINES.	53	7	21	6	5	14	7,231	2,509	96	64
Fans and blowers	24	1	11	4	3	5	1,899	1,472	64	37
Pumps	18	6	5	2	1	4	4,771	512	32	11
Turn tables	1	—	1	—	—	—	65	65	—	—
Other machines	10	—	4	—	1	5	496	460	14	22

TABLE X. — *Causes of Injuries, by Extent of Disability, etc.* — Continued.

CAUSES.	NUMBER OF TABULATABLE INJURIES.					DAYS LOST DUE TO —				
	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	7 Days and under.	TEMPORARY DISABILITIES.				Permanent Total Disabilities.
						Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.	
Machinery.—Con.										
<i>Hoisting Apparatus.</i>										
<i>Elevators Controlled (not Construction Elevators).</i>										
Cable, breaking	331	8	11		67	188	29	28		6,000
Cable, unwinding	3					2	1			
Cable, caught by	31	2	1		1	18	5	2		300
Car, caught between floor and	31	2	1		4	9	1			12,000
Car, caught between shaft side and	11				1	9	1			1,295
Car, caught between gate and	3				1	2	1			159
Caught between car and overhead equipment or top of shaft	2				1	1	1			76
Catching of load or part thereof between car and shaft	2				1	2				104
Counter weight, struck by	31	3	1		4	21	2			1,962
Fall of person into shaft, from floor	1				1	1	1			161
Fall of person into car, from floor	36	1	1		14	18	1	2		6,055
Gates, not specified	62	1	2		15	31	2	11		1,438
All other										9,261
<i>Elevators, Automatic and Dumb Waiters.</i>										
Cable, breaking	5				1	3	1			376
Cable, unwinding	2				1	1	1	2		47
Car, caught between floor and	6	1	1		2	3	1			192
Car, caught between shaft side and	2				1	2	1			6,179
Car, caught between gate and	2				1	1	1			15
Car, struck by, elsewhere	1				1	1				2
Catching of load or part thereof between car and shaft	3		1			2	1			409
Fall of person into shaft, from floor	2					2	1			249
Fall of person into car, from floor	10				3	6				161
Gates	6				1	1	1	3		287
All other						1	1			115
<i>Construction Hoists and Elevators (not Derricks).</i>										
Car, struck by, elsewhere	1		1							1,200
Catching of load or part thereof between car and shaft	1					1				30

TABLE X. — *Causes of Injuries, by Extent of Disability, etc.* — Continued.

CAUSES.	NUMBER OF TABULATABLE INJURIES.					DAYS LOST DUE TO —								
	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.				Permanent Total Disabilities.	Deaths.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.		
					Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.				Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.
Vehicles (not including Construction of), 2,453	49	19	1,219	263	284	619	414,321	294,000	22,000	87,447	4,844	3,192	2,838	
CARS AND ENGINES—STEAM AND ELECTRIC	158	9	3	72	18	15	71,272	54,000	11,400	5,191	342	173	166	
RAILWAYS.														
<i>Falls From or In</i>														
In getting off, in motion	4	—	1	1	1	1	3,056	—	3,000	30	21	—	5	
In getting on or off, at rest	9	—	—	3	1	4	533	—	—	485	21	14	13	
While riding on, due to sudden start or stop	4	—	—	3	1	1	134	—	—	129	—	—	5	
While riding on, due to slipping or loss of balance	7	1	—	4	2	—	6,489	6,000	—	453	36	—	—	
While riding on, contact with overhead structure	1	—	—	1	—	—	30	—	—	30	—	—	—	
Falls	63	1	1	30	7	10	14,504	6,000	6,000	2,196	139	112	57	
<i>Train Wrecks.</i>														
Collisions	13	2	1	5	2	1	14,867	12,000	2,400	411	34	11	11	
Deraillments	1	—	—	1	—	—	90	—	—	90	—	—	—	
<i>Struck By or Caught Between</i>														
While coupling or uncoupling	6	1	—	3	—	2	6,169	6,000	—	163	—	—	6	
While switching	2	—	—	1	—	1	80	—	—	73	—	—	7	
While repairing cars or engines	1	1	—	—	—	—	6,000	6,000	—	—	—	—	—	
While crossing track	5	1	—	2	—	2	6,067	6,000	—	60	—	—	7	
While standing or walking on track	1	—	—	1	—	—	28	—	—	28	—	—	—	
Miscellaneous	21	2	—	10	3	1	12,761	12,000	—	668	56	14	23	
<i>Other Causes.</i>														
Setting or releasing hand brakes	2	—	—	—	—	1	13	—	—	—	—	10	3	
Objects falling from (not in loading or unloading)	3	—	—	1	—	3	13	—	—	—	—	—	13	
Objects shifting on load	1	—	—	1	—	—	175	—	—	175	—	—	—	
All other	14	—	—	6	2	1	263	—	—	200	35	12	16	
<i>MINE AND QUARRY CARS.</i>														
Deraillments	10	—	—	6	2	1	456	—	—	401	35	13	7	
Falls from, due to sudden start or stop	1	—	—	—	—	1	13	—	—	—	—	13	—	
Struck by or caught between	3	—	—	1	—	—	29	—	—	29	—	—	—	
All other	5	—	—	3	1	—	246	—	—	229	17	—	—	
							168	—	—	143	18	—	7	

PLANT TRUCKS ON TRACKS.

Caught between truck and overhead obstruction	25	-	-	1	13	4	1	6	1,497	-	-	300	1,076	78	11	32
Caught by car or load in dumping	2	-	-	-	1	-	1	-	140	-	-	-	129	-	11	-
Collisions	1	-	-	1	-	-	-	-	300	-	-	300	-	-	-	-
Falls from, due to sudden start or stop	1	-	-	-	-	1	-	-	20	-	-	-	-	20	-	-
Lifting or pushing car	1	-	-	-	-	1	-	-	20	-	-	-	-	20	-	-
Struck by, or caught between, while coupling or switching	2	-	-	-	1	-	-	1	50	-	-	-	43	-	-	7
Struck by	2	-	-	-	1	1	-	-	47	-	-	-	30	17	-	-
Struck, or caught between	10	-	-	-	6	1	-	3	250	-	-	-	218	21	-	11
Struck, or caught between	6	-	-	-	4	-	-	2	670	-	-	-	656	-	-	14

AUTOMOBILES AND OTHER POWER VEHICLES.

Breaking of car or part not resulting in collision or overturning	2,039	34	-	14	1,007	213	245	526	294,844	204,000	-	-	9,100	72,666	3,905	2,754	2,419
Collisions, skidding	6	-	-	-	5	-	1	-	204	-	-	-	193	-	-	11	-
Collisions, breaking of parts	33	1	-	-	14	5	4	9	7,119	6,000	-	-	928	96	52	43	-
Collisions, all other	3	-	-	-	1	-	2	-	50	-	-	-	34	16	16	-	-
Collisions with cars or engines	345	9	-	3	173	35	43	82	68,699	54,000	-	2,700	10,477	646	477	399	-
Cranking	28	3	-	-	15	5	4	1	18,859	18,000	-	-	717	91	48	3	-
Engines, N. O. C.	264	-	-	1	141	28	24	70	11,304	-	-	300	9,925	505	263	311	-
Falls from	5	-	-	-	225	1	1	-	407	-	-	300	78	18	11	-	-
Mechanical unloading	421	3	-	4	51	52	8	86	43,577	18,000	-	4,000	19,660	928	563	426	-
Objects falling from	18	-	-	-	7	1	2	8	356	-	-	-	274	20	27	35	-
Objects shifting on load	63	-	-	-	21	8	8	25	2,106	-	-	300	1,464	144	84	114	-
Overturning, skidding	10	-	-	-	7	-	-	3	578	-	-	-	563	-	-	15	-
Overturning, breaking of parts	24	2	-	-	13	2	-	7	13,413	12,000	-	-	1,340	42	-	31	-
Overturning, all other	3	-	-	-	2	-	-	1	99	-	-	-	94	-	-	-	-
Struck by	65	3	-	-	39	6	8	9	21,949	18,000	-	-	3,697	109	96	47	-
All other	236	10	-	-	149	22	27	48	73,482	60,000	-	-	12,513	413	326	280	-
Bicycles	467	3	-	4	182	47	61	170	32,110	18,000	-	1,500	10,323	835	695	737	-
Aeroplanes	27	-	-	-	10	2	8	7	564	-	-	-	358	38	85	23	-
Aeroplanes	1	-	-	-	1	-	-	-	28	-	-	-	28	-	-	-	-

ANIMAL-DRAWN VEHICLES.

Breaking of parts	215	5	-	1	119	26	20	44	40,142	30,000	-	-	1,200	8,029	484	221	208
Collisions with cars or engines	3	-	-	-	2	-	-	1	186	-	-	-	179	-	-	-	7
Collisions with other vehicles	7	-	-	-	5	-	-	1	289	-	-	-	271	-	13	5	-
Collisions with stationary objects	48	2	-	-	25	7	2	12	13,312	12,000	-	-	1,102	129	19	62	-
Falls from	1	-	-	-	1	-	-	-	38	-	-	-	38	-	-	-	-
Mechanical unloading	86	2	-	-	48	8	10	18	16,678	12,000	-	-	4,847	141	106	81	-
Objects falling from (not in loading or unloading)	1	-	-	-	1	-	-	-	163	-	-	-	163	-	-	-	-
Objects shifting on load	5	-	-	-	1	2	-	2	116	-	-	-	74	36	-	6	-
Overturning	3	-	-	-	2	1	1	-	51	-	-	-	42	-	9	-	-
Struck by	15	1	-	1	10	1	-	2	7,725	6,000	-	1,200	69	21	-	-	-
Whiffletrees	1	-	-	-	-	-	-	1	3	-	-	-	496	18	-	-	11
All other	29	-	-	-	15	5	4	5	800	-	-	-	635	95	47	23	-

ANIMAL-DRAWN IMPLEMENTS (NOT MACHINERY.)

	14	-	-	-	8	2	2	2	691	-	-	-	613	41	27	10	-
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OTHER EXPLOSIONS.

OTHER EXPLOSIONS.															
Ammonia apparatus	1	—	—	—	1	493	7	—	—	—	7				
Other high pressure apparatus	2	—	—	—	—	15,599	—	—	—	—	—				
All other	43	2	—	3	8	87,304	12,000	—	—	475	18				
Electricity	126	13	4	11	33	87,304	78,000	—	4,500	3,461	72				
Conflagrations	3	—	—	—	2	46	—	—	—	4,105	433				
										126	140				
										42	4				
HOT SUBSTANCES AND FLAMES.															
Asphalt, pitch and tar	50	—	—	—	9	1,338	—	—	—	995	239	59	45		
Flames, clothing	9	1	—	—	1	6,436	6,000	—	—	—	—	—	2		
All other flames	120	1	—	22	37	8,771	6,000	—	—	1,968	386	252	165		
Hot surfaces, contact with	77	—	—	5	31	3,960	—	—	2,400	1,040	340	56	124		
Hot water	143	1	—	27	37	4,890	—	—	1,200	2,659	561	311	159		
Metal, molten, explosions of	1	—	—	—	—	41	—	—	—	41	—	—	—		
Molten metal, at furnace or cupola	4	—	—	1	2	97	—	—	—	49	36	12	—		
Molten metal, pouring	19	—	—	2	6	2,321	—	—	1,800	457	39	—	25		
Molten metal or slag, all other	33	—	—	3	7	1,027	—	—	—	857	53	79	38		
Oxyacetylene or electric cutting and welding	24	—	—	6	1	340	—	—	—	165	115	14	46		
Other hot liquids	84	1	—	23	15	7,858	6,000	—	—	1,248	282	256	72		
Other hot objects	50	—	—	7	8	2,160	—	—	600	1,279	123	89	69		
Sand, ashes, cinders, grease, fat, flying particles	84	1	—	15	35	7,088	6,000	—	—	404	376	172	136		
Acids	153	—	—	22	32	4,932	—	—	1,800	2,111	387	366	268		
All other	143	—	—	38	34	4,565	—	—	1,800	1,656	618	264	227		

Falls of Persons.

FROM ELEVATIONS.

Benches, boxes, chairs and tables	183	1	—	83	26	12	61	13,959	6,000	—	—	—	7,073	456	145	285
Boilers, engines and machines	43	2	—	24	3	5	9	14,164	12,000	—	—	—	2,018	53	52	41
Bridges, dams and docks (not in construction or demolition)	6	—	—	5	—	1	—	1,333	—	—	—	—	1,324	—	9	—
Buildings in construction or demolition not elsewhere specified	16	—	—	11	—	2	2	3,740	—	—	—	1,800	1,903	—	23	14
Cranes, derricks, elevators and hoists in erecting or rigging	2	—	—	1	—	—	1	36	—	—	—	—	29	—	—	7
Floors, temporary	5	—	—	1	2	—	2	78	—	—	—	—	33	34	—	11
Gangplanks	1	—	—	1	—	—	—	70	—	—	—	—	70	—	—	—
Ladders.																
Breaking of ladder or parts	44	—	—	27	5	3	9	3,226	—	—	—	—	3,037	91	37	41
Slipping, twisting or fall of ladder	162	—	—	91	18	14	39	9,540	—	—	—	—	8,886	314	156	184
Knocked off ladder	3	—	—	2	—	—	1	334	—	—	—	—	329	—	—	5
All other	278	3	—	165	32	20	55	41,503	18,000	—	—	4,800	17,636	575	233	259
Loading platforms	55	—	—	23	3	10	19	2,364	—	—	—	—	2,141	52	103	68
Piles	36	—	—	23	3	2	8	2,217	—	—	—	—	2,098	55	23	41
Poles and trees	37	2	—	24	2	2	6	17,058	12,000	—	—	1,800	3,160	39	27	32
Roofs	39	4	—	25	3	2	3	34,366	24,000	—	—	4,800	5,478	52	18	18
Runways, balconies and platforms, not loading platforms	68	1	—	37	5	10	14	9,798	6,000	—	—	600	2,930	99	121	48

TABLE X. — *Causes of Injuries, by Extent of Disability, etc.* — Continued.

CAUSES.	NUMBER OF TABULATABLE INJURIES.				DAYS LOST DUE TO —			
	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.			
					Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.
Falls of Persons.—<i>Con.</i>								
<i>Scaffolds and Staging.</i>								
Breaking or slipping	67	1	1	1	44	5	4	11
Breaking of tackle or support	10	—	—	—	9	—	—	1
Tilting of scaffold	2	—	—	—	—	—	1	1
Tilting or falling of loose plank	9	—	—	—	5	—	—	3
All other	113	1	1	4	72	11	6	18
Stairs and steps	10,101	2	—	3	478	133	123	362
Tramways and trestles	2	—	—	—	2	—	—	—
Windows and wall openings	28	1	1	1	18	3	2	3
All other	146	3	—	—	82	15	12	34
INTO EXCAVATIONS, PITS AND SHAFTS.								
Bins and vats, containing hot or corrosive substances	4	—	—	—	3	—	—	1
Bins and vats, all other	30	—	—	—	21	4	—	5
Floor openings (not elevator shafts)	82	—	—	—	39	12	10	21
Manholes	8	—	—	—	5	—	2	1
Excavations	55	—	—	—	26	9	7	13
ON LEVEL.								
Slipping	1,658	—	1	3	741	213	202	498
Stumbling over fixed objects	105	—	—	2	45	12	11	35
Stumbling over loose objects	415	—	—	3	155	43	61	153
All other	649	—	1	2	231	84	73	258
Slipping on wet floors	403	—	—	—	173	37	55	143
Stepping on, or Striking against Objects. 2,261		4	—	3	645	283	326	1,000
STEPPING ON OBJECTS.								
Nails	549	—	—	—	59	58	84	348
All other sharp objects	73	—	—	—	19	11	17	26
STRIKING AGAINST OBJECTS.								
Fellow-employees	30	—	—	—	7	5	6	12
Nails	187	—	—	—	42	29	32	84
Other fixed objects	453	—	—	3	213	54	52	131
Splinters or sharp projections from walls or structures	97	—	—	—	22	18	20	37
All other objects	872	4	—	—	253	108	115	362
Summary								
	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.
	20,367	6,000	6,000	300	7,896	84	46	41
	613	—	—	—	607	—	—	6
	19	—	—	—	—	—	14	5
	424	—	—	—	397	—	—	13
	24,503	6,000	6,000	3,600	8,540	208	67	88
	57,326	12,000	—	1,500	38,401	2,130	1,416	1,579
	284	—	—	—	284	—	—	—
	9,683	6,000	—	600	2,999	49	25	10
	27,277	18,000	—	—	8,708	279	140	150
	439	—	—	—	—	—	—	4
	1,789	—	—	—	1,692	74	—	23
	3,368	—	—	—	2,925	225	110	108
	502	—	—	—	475	—	24	3
	2,777	—	—	—	2,473	166	85	53
	73,305	—	6,000	6,000	52,821	3,885	2,333	2,266
	7,857	—	—	4,200	3,143	218	124	172
	17,841	—	—	3,900	11,798	774	696	673
	26,490	—	6,000	2,400	14,582	1,555	818	1,135
	13,403	—	—	—	11,499	667	621	616
	74,814	24,000	—	900	36,925	5,112	3,677	4,200
	6,082	—	—	—	2,601	1,064	932	1,485
	1,983	—	—	—	1,490	197	188	108
	463	—	—	—	268	90	70	35
	2,913	—	—	—	1,666	521	363	363
	16,195	—	900	—	13,193	983	611	508
	2,134	—	—	—	1,441	314	216	163
	45,044	24,000	—	—	16,266	1,943	1,297	1,538

Falling Objects (not being handled by COLLAPSE OF.		1,339	6	1	15	633	152	135	397	113,240	36,000	6,000	11,600	53,650	2,779	1,564	1,647
Building and walls		4	—	—	—	4	—	—	—	452	—	—	—	452	—	—	—
Chutes, conveyors and slides		2	—	—	—	2	—	—	—	88	—	—	—	88	—	—	—
Piles (stacked, stored or piled up material)		15	1	—	—	9	2	1	2	6,059	6,000	—	—	35	14	10	—
Scaffolds and stagings		3	—	—	—	3	—	—	—	717	—	—	—	717	—	—	—
All other		8	—	—	—	6	—	—	2	651	—	—	—	643	—	—	8

FROM ELEVATIONS.

Buildings in course of construction or demolition		18	1	—	—	7	1	2	7	7,114	6,000	—	—	1,047	15	27	25
Buildings not in course of construction or demolition		6	—	—	—	3	—	—	3	384	—	—	—	372	—	—	12
Chutes, conveyors, slides and screens		14	—	—	—	9	1	—	48	913	—	—	300	587	18	—	8
Machines and workbenches		153	—	—	—	64	24	15	48	10,451	—	6,000	300	3,354	430	171	196
Piles (stacked, stored or piled up material)		55	—	—	—	25	3	—	22	2,447	—	—	—	2,252	53	60	82
Racks and shelves		54	—	—	—	17	6	8	21	3,180	—	—	2,100	806	102	92	80
Runways, balconies and platforms		15	—	—	—	5	1	—	5	284	—	—	—	203	17	40	24
Scaffolds and stagings		16	—	—	—	7	3	2	4	581	—	—	—	490	57	17	17
Other elevations		423	2	—	4	185	54	42	136	34,013	12,000	—	3,500	16,424	1,007	501	581
Objects dropped by person other than injured person		83	1	—	2	37	13	8	22	9,096	6,000	—	600	2,071	232	107	86

TREES.

Limbs, not in felling trees		11	—	—	—	4	—	—	7	285	—	—	—	257	—	—	28
Trees, in felling		13	1	—	—	5	—	4	3	6,910	6,000	—	—	853	—	42	15
Trees, kick backs of, in felling		3	—	—	—	—	—	2	1	27	—	—	—	—	—	25	2
Trees lodged in felling		1	—	—	—	—	—	—	—	6	—	—	—	—	—	6	—
Trees, not in felling		5	—	—	—	1	1	—	3	60	—	—	—	31	21	—	8
Objects tipping over		263	—	—	2	138	28	28	67	15,098	—	—	3,300	10,643	537	317	301

INTO EXCAVATIONS.

Ditches and trenches		39	—	—	—	17	2	4	16	1,394	—	—	—	1,250	31	48	65
Other excavations (not tunnels, mines or quarries)		26	—	—	1	14	—	4	7	1,414	—	—	300	1,046	—	43	25

CAVE-INS (NOT MINES OR QUARRIES).

Ditches and trenches		77	—	—	—	56	5	5	11	8,078	—	—	—	7,899	88	49	42
Tunnels and trenches		3	—	—	—	2	—	—	1	196	—	—	—	192	—	—	4
Other excavations		15	—	—	—	7	4	1	3	1,012	—	—	—	920	68	11	13
In mines and quarries—inside		14	—	—	2	6	4	—	2	1,682	—	—	1,200	405	68	—	9

Handling of Objects.

Caught between object handled and other object		810	2	—	29	312	108	105	254	45,973	12,000	—	12,150	17,534	1,954	1,230	1,105
Objects dropped		1,151	1	—	9	525	125	143	348	41,723	6,000	—	2,700	27,697	2,285	1,622	1,418
Objects falling from load (while loading or unloading)		338	1	1	—	173	36	33	94	24,451	6,000	6,000	—	11,022	658	368	403

264,038 22,077 13,368 12,428

TABLE X. — Causes of Injuries, by Extent of Disability, etc. — Continued.

CAUSES.	NUMBER OF TABULATABLE INJURIES.				DAYS LOST DUE TO —										
	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.				TEMPORARY DISABILITIES.						
					Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.	Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.			
Handling of Objects.—Con.															
HEAVY OBJECTS.—Con.															
Objects falling from pile (while piling or unpling)	97	—	—	1	49	9	11	27	300	4,074	164	117	122		
Objects thrown	106	—	—	—	35	19	15	36	1,800	1,733	344	165	157		
Strain in handling	3,586	7	—	3	1,928	404	404	840	2,400	138,812	7,375	4,613	3,883		
Handled	531	2	—	3	201	73	73	179	3,450	9,815	1,314	871	774		
SHARP OR ROUGH OBJECTS.															
Bones	102	—	—	—	32	21	14	35	—	1,456	394	162	165		
Castings	1	—	—	—	—	1	—	—	—	—	17	—	—		
Glass	349	—	—	2	72	58	58	159	600	4,668	1,025	690	684		
Protruding nails in objects handled	225	—	—	5	57	35	37	91	1,000	2,494	624	422	383		
Protruding wires	184	—	—	4	54	36	18	72	1,800	4,128	627	202	333		
Sheet metal and sheet metal objects	207	1	—	4	73	31	26	72	1,500	3,521	547	304	269		
Silvers, metal	171	—	—	2	59	31	20	59	2,100	3,050	566	237	268		
Silvers, wood	497	—	—	8	157	75	59	198	3,600	6,988	1,368	684	849		
All other	430	1	—	10	128	66	66	159	4,800	5,875	1,216	784	682		
HAND TRUCKS, CARTS AND WHEEL- BARROWS.															
Caught between truck and other object	76	—	—	2	35	12	11	16	900	2,311	218	133	73		
Object falling from, not in loading or unloading	57	—	—	—	27	6	10	14	—	1,465	114	110	71		
Overturning	34	—	—	1	18	6	1	8	3,000	2,063	112	9	39		
Struck by truck handled by injured person	241	—	—	—	113	30	18	80	—	6,696	545	217	330		
Struck by truck handled by co-worker	68	—	—	—	26	11	9	22	—	2,271	205	169	107		
All other	223	—	—	1	108	23	27	64	4,500	6,713	404	319	283		
Hand Tools.	2,476	3	1	41	688	387	364	992	124,364	18,000	6,000	49,650	7,026	4,183	4,260
IN HANDS OF INJURED WORKER.															
Breaking or coming apart of tool	40	—	—	1	17	4	7	11	—	869	69	79	58	—	
Flying particles set in motion by tool not specified	100	—	—	7	15	12	26	40	—	655	229	297	169	—	
Metal chips	115	2	—	9	19	20	13	52	12,000	957	356	155	252	222	
Nails and spikes	23	1	—	3	4	4	2	10	5,400	160	63	28	32	—	

Stone	57	1	1	3	16	9	23	6,308	—	6,000	—	5,400	574	173	68	93
Glancing or slipping of tool in use	1,556	—	13	431	232	233	645	49,106	—	—	—	6,450	21,065	4,172	2,670	2,749
All other	459	—	—	142	92	66	159	11,183	—	—	—	—	8,021	1,698	761	703
IN HANDS OF FELLOW-WORKER.																
Flying particles set in motion by tool, not specified	5	—	—	—	2	1	2	125	—	—	—	—	105	—	13	7
Metal chips	8	—	—	—	2	—	5	182	—	—	—	—	147	—	13	22
Stone	2	—	—	—	1	1	—	36	—	—	—	—	28	—	8	—
Breaking or coming apart of tool	2	—	—	1	—	—	—	1,821	—	—	—	1,800	—	21	—	—
Glancing or slipping of tool in use	87	—	—	3	36	9	34	3,420	—	—	—	900	2,134	167	63	156
All other	22	—	—	1	3	4	11	1,285	—	—	—	600	530	78	28	49
Animals.																
DRAFT ANIMALS.																
Bites	183	1	—	—	63	24	77	12,615	6,000	—	—	—	5,640	438	196	341
Kicks and stepped on	3	—	—	—	1	—	2	65	—	—	—	—	56	—	—	9
Runaways	57	—	—	—	31	6	14	2,954	—	—	—	—	2,719	112	68	55
All other	9	1	—	—	5	—	3	6,366	6,000	—	—	—	351	—	—	15
All other animals	39	—	—	—	14	7	13	2,107	—	—	—	—	1,871	129	55	52
Insects	53	—	—	—	11	6	4	927	—	—	—	—	620	111	48	148
.	22	—	—	—	1	5	3	196	—	—	—	—	23	86	25	62
Miscellaneous Causes.																
Cold, including frostbites	1,537	13	1	15	416	148	733	125,932	78,000	6,000	—	8,250	25,289	2,704	2,429	3,260
Compressed air (not explosions)	12	1	—	—	8	3	—	6,567	6,000	—	—	—	515	52	—	—
Doors, windows, covers and gates, exclusive of elevators	2	—	—	—	1	—	—	61	—	—	—	—	49	—	12	—
Drenching, not drowning	336	1	—	7	106	32	55	15,302	6,000	—	—	2,550	4,971	586	648	547
Flying particles, not specified	2	—	—	—	—	2	—	36	—	—	—	—	—	36	—	—
Rat prostration and sunstroke	219	—	—	2	26	32	27	6,858	—	—	—	3,600	1,843	584	315	516
Violence of co-employee	17	—	—	—	3	1	—	249	—	—	—	—	159	17	24	49
Violence, all other	6	—	—	—	2	—	—	150	—	—	—	—	125	—	14	11
Wrestling, sparring and horseplay	59	1	1	1	18	6	14	13,889	6,000	6,000	—	300	1,240	112	160	77
All other	5	—	—	—	—	—	4	31	—	—	—	—	—	12	19	—
Asphyxiation	876	10	—	5	250	72	110	82,605	60,000	—	—	1,800	16,207	1,317	1,244	2,037
.	3	—	—	—	2	—	—	184	—	—	—	—	180	—	—	4
Occupational Diseases.																
All other	698	16	—	21	355	75	77	146,621	96,000	—	—	12,600	35,055	1,365	895	705
Anthrax	82	1	—	—	39	7	12	9,453	6,000	—	—	—	3,083	130	131	109
Dermatitis	6	—	—	—	4	1	—	6,437	6,000	—	—	—	16	—	—	—
Eczema	315	—	—	—	186	32	38	16,793	—	—	—	—	15,510	585	442	256
Lead poisoning	7	—	—	—	5	1	—	634	—	—	—	—	604	18	12	—
Poison ivy	24	—	—	—	22	1	—	3,325	—	—	—	—	3,301	18	6	—
Poison ivy	117	—	—	—	31	30	19	2,308	—	—	—	—	1,340	544	237	187
Tuberculosis (including Pneumoconiosis, silicosis, etc.)	82	12	—	21	48	—	1	93,824	72,000	—	—	12,600	9,214	—	10	—
Gas	50	—	—	—	14	3	4	1,033	—	—	—	—	816	55	36	126
Benzol	4	—	—	—	2	—	—	12,650	12,000	—	—	—	650	—	—	—
Carbon monoxide gas	11	—	—	—	4	—	2	164	—	—	—	—	116	—	27	21
Grand total	31,769	162	8	602	13,060	3,960	3,908	2,541,327	972,000	48,000	448,550	—	911,815	71,999	44,885	44,078

TABLE XII. — Study showing Condition of Dependents in Uninsured Fatal Cases, July 1, 1932 to June 30, 1933.

Industries.	Occupation.	Age.	Wage.	Amount payable in Analogous Cases.	Dependents.	Settlement.	Financial Condition.
Painting	Painter	29	\$25 00	\$5,600 00	Widow and two children	-	No further information available.
Manufacturing and sale of aluminum	Salesman	35	75 00	4,000 00	Widow	-	No further information available.
Steam railroad	Car inspector	49	31 54	5,600 00	Widow and two children	\$8,500 00	Widow working, fair financial circumstances.
Stevedores	Longshoreman	42	15 00	6,400 00	Widow and eight children	5,000 00	Fair financial condition.
Steam railroad	Car inspector	46	31 97	6,400 00	Widow and seven children	7,000 00	Fair financial condition.
Steam railroad	Fireman	51	37 63	4,000 00	Widow	8,900 00	Fair financial condition.
Steam railroad	Engineer	58	47 36	4,800 00	Widow and one child	8,900 00	Fair financial condition.
Shipbuilding	Rigger	60	27 46	4,800 00	Widow and one child	4,800 00	Employer is paying widow twelve dollars (\$12.00) a week for four hundred weeks.
Floor contractor	Laborer	42	25 00	4,000 00	Widow	Suit pending	Very poor financial circumstances.
Cotton machinery	Erector	31	31 00	4,000 00	Widow	Suit pending	Poor financial circumstances. Widow working.
Steam railroad	Yard helper	47	35 64	4,000 00	Two children	8,000 00	Good financial circumstances.
Steam railroad	Foreman	46	39 84	5,600 00	Widow and two children	20,000 00	Good financial condition.
Steam railroad	Lampman	50	20 16	4,000 00	Widow	295 00	Employer paid funeral expenses of \$295.00.
Riggers	Steeple-jack	45	40 00	5,600 00	Widow and two children	None	Very poor financial condition.
Roofing	Roofers	48	25 00	4,400 00	Widow and eight children	None	Very poor financial circumstances.
Street railway	Laborer	38	21 00	5,600 00	Widow and two children	2,700 00	Fair circumstances.
Telephone	Lineman	38	43 00	4,000 00	Widow	5,000 00	Widow is being paid fifty dollars (\$50.00) a month until five thousand dollars (\$5,000.00) is paid.
Chimney repairs	Repair-man	27	33 00	250 00	None	-	Single man, no dependents.

TABLE XIII. — *Conjugal Condition and Dependency in Cases of Fatal Injuries, July 1, 1932 to June 30, 1933.*

INDUSTRIES.	CONJUGAL CONDITION.				DEPENDENCY.		
	Single.	Married.	Widowed.	Divorced.	NUMBER OF CASES.		NUMBER OF PERSONS.
					Whole De- pendency.	Partial De- pendency.	
Agriculture, Forestry and Animal Husbandry							
Agriculture	—	1	—	—	1	—	6
Quarrying	—	1	—	—	1	—	6
Extraction of Minerals.							
Quarrying	—	2	—	—	2	—	3
Quarrying	—	2	—	—	2	—	3
Building Trades.							
Hand trades	2	12	1	—	13	1	39
Hand trades	2	12	1	—	13	1	39
Chemical and Allied Products.							
Soap makers	—	1	—	—	1	—	1
Soap makers	—	1	—	—	1	—	1
Clay, Glass and Stone Products.							
Brickmakers	—	3	—	—	3	—	4
Marble and stone cutters	—	1	—	—	1	—	1
Marble and stone cutters	—	2	—	—	2	—	3
Food and Kindred Products.							
Bakeries, bread and other bakery products	1	7	—	—	7	1	19
Candy, confectionery	—	1	—	—	1	—	5
Fish curers and packers	—	1	—	—	1	—	1
Slaughtering and packing houses	—	1	—	—	1	—	2
Sugar makers and refiners	—	3	—	—	3	—	8
Other food preparers	1	—	—	—	1	—	1
Other food preparers	—	1	—	—	1	—	3
Iron and Steel and Their Products.							
Automobile factories	1	12	1	—	12	1	26
Foundries and metal working, tools	—	1	—	—	1	—	1
Ship and boat building	—	3	—	—	3	—	4
Other iron and steel workers	—	1	—	—	1	—	2
Other iron and steel workers	1	7	1	—	7	1	19
Leather and Its Finished Products.							
Shoes	—	5	—	—	4	1	12
Tanneries	—	4	—	—	3	1	1
Tanneries	—	4	—	—	3	1	10
Liquors and Beverages.							
Other liquor and beverage workers	—	1	—	—	1	—	2
Other liquor and beverage workers	—	1	—	—	1	—	2
Lumber and Its Re-manufacture.							
Furniture	—	1	—	—	1	—	6
Furniture	—	1	—	—	1	—	6

The Commonwealth of Massachusetts

DEPARTMENT OF INDUSTRIAL ACCIDENTS

Room 272, State House, Boston, May 20, 1935

To the Honorable Senate and House of Representatives:

The Department of Industrial Accidents has the honor to transmit herewith its twenty-second annual report.

Respectfully,

INDUSTRIAL ACCIDENT BOARD

JOSEPH A. PARKS, *Chairman*

CHESTER E. GLEASON

EMMA S. TOUSANT

EDWARD E. CLARK

DANIEL J. SULLIVAN

JAMES FARRELL

NICHOLAS FUSARO

EDWARD P. DOYLE, *Secretary*.

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TWENTY-SECOND ANNUAL REPORT

OF THE

Department of Industrial Accidents

INTRODUCTION

The Department of Industrial Accidents presents herewith its twenty-second annual report. This report contains the facts and figures, in summarized form, which comprise the Department's experience in the administration of the Workmen's Compensation Act (General Laws, chapter 152) for the year July 1, 1933 to June 30, 1934.

It may be stated, in brief, that a comparison with the report for the year ending June 30, 1933, shows that there was a decided increase in the number of injuries reported to the Board, but a slight decrease in the percentage of tabulatable injuries, from 33 per cent in 1933 to 32.2 per cent in 1934. This decrease, presumably, may be due, in part, to the fact that there were more cases this year in which the employee lost no time from work. The severity of injuries, as measured by the plan for weighting time loss due to injuries, was more by 695,611 days than for the previous year. This increase may be accounted for, in part, by the fact that there were 3,448 more tabulatable injuries than in 1933.

A synopsis of the subjects covered in the current report follows:

The Twenty-second Year of the Act.—This chapter covers in condensed form the number of tabulatable injuries, total reported injuries, aggregate time lost, a condensed statement of combined payments by insurance companies operating under the Act, extent of incapacity in certain cases, and dependency, in brief, in fatal cases.

Summary of Accident Experience.—This chapter explains the various tables found in the Appendix, with a brief analysis of each, and should be referred to for an understanding of the tables used. Graphs containing comparisons are used to present certain important phases of the experience.

Dependency in Fatal Cases not Insured under the Act.—This chapter deals with particular reference to the condition of dependents in fatal cases where the injured

employees were not insured under the provisions of the Act. The statements represent an analysis based on Table XII in the Appendix of this report.

Medical Division.—A brief summary of the work of this division with some statistical data for the past year.

THE TWENTY-SECOND YEAR OF THE ACT

There were 109,394 accident reports filed with the Department of Industrial Accidents for the year July 1, 1933 to June 30, 1934. Of these, 35,217 were tabulatable injuries (injuries causing the loss of at least one day or one shift, usually 8 hours), including deaths, permanent total, permanent partial, and temporary total disabilities. Death resulted in 231 of these cases, 9 involved permanent total disability, 853 were of a permanent partial nature, and 34,124 were temporary totals.

There was an increase in the number of reported injuries from 96,144 in 1933 to 109,394 in 1934 and a corresponding increase in the number of tabulatable injuries, from 31,769 in 1933 to 35,217 in 1934.

The reports from insurance companies show that the payments made and to be made on account of injuries occurring in this period total \$6,159,612.31, and are classified as follows: medical, \$2,175,950.93; fatal compensation, \$676,349.51; and non-fatal compensation, \$3,307,311.87.

The weighted time loss charged to all injuries is 3,236,938 days, distributed as follows: temporary total disability, 33.7 per cent; deaths, 42.8 per cent; permanent partial disability, 21.8 per cent; and permanent total disability, 1.7 per cent.

There were 231 fatals this year, an increase of 69 cases in comparison with the year ending June 30, 1933. Total dependency was involved in 193 of these cases, 449 persons being so dependent. In 20 cases, dependency was partial, the dependents numbering 20. In the remaining 18 cases, there was no dependency. There were 209 cases, or 90.5 per cent, insured.

SUMMARY OF ACCIDENT EXPERIENCE

TABLE I, TOTAL TABULATABLE INJURIES, BY INDUSTRIES AND CASES INSURED AND NOT INSURED

The statistics of the Board show that 96.2 per cent, or 33,870 of the tabulatable injuries were insured under the provisions of the Act and that 3.8 per cent, or 1,347 were not insured. This is the same percentage as last year.

TABLE II, INSURANCE TRANSACTIONS UNDER THE ACT

This table was compiled from figures furnished the Board by authorized insurance companies operating under the Act, and also from the boards, commissions and departments of the Commonwealth of Massachusetts, and all counties, cities, towns and districts, which have accepted the provisions of chapter 807, Acts of 1913. During the year ending June 30, 1934, a total payment of \$6,159,612.31 was reported. This is an increase of \$302,743.88 over 1933.

During the past year there has been paid to injured laborers, workmen and mechanics, and their dependents of the Commonwealth and the various counties, cities, towns and districts, which have accepted St. 1916, c. 807, (now G. L. Ch. 152, ss. 69-75), the sum of \$330,435.76. During the year ending June 30, 1933, the compensation agents of the Commonwealth and the different counties, cities, towns and districts reported the payment of compensation and medical in the sum of \$306,432.05.

The average cost per case, including compensation and medical benefits, paid and outstanding, in all cases in which such payments were made, whether tabulatable or not, was \$68.02 as compared with an average cost per case of \$74.07 in 1933.

Insurance Payments Made and Outstanding

TYPE OF PAYMENT	Amount	Per Cent
Medical, for all cases	\$2,175,950 93	35.3
Fatal, dependency compensation	676,349 51	11.0
Non-fatal, disability compensation	3,307,311 87	53.7
Totals	\$6,159,612 31	100.0

Based on the payments made and the number of cases to which they apply, the average cost per case for the several groups is as follows:

Average Cost per Specified Case

TYPE OF PAYMENT	Number of Cases	Average Cost
Medical, for all cases	87,695	\$24.59
Fatal, dependency compensation	185	3,655.94
Non-fatal, disability compensation	22,920	144.29

NUMBER OF TOTAL TABULATABLE INJURIES BY INDUSTRIES

July 1, 1933 - June 30, 1934

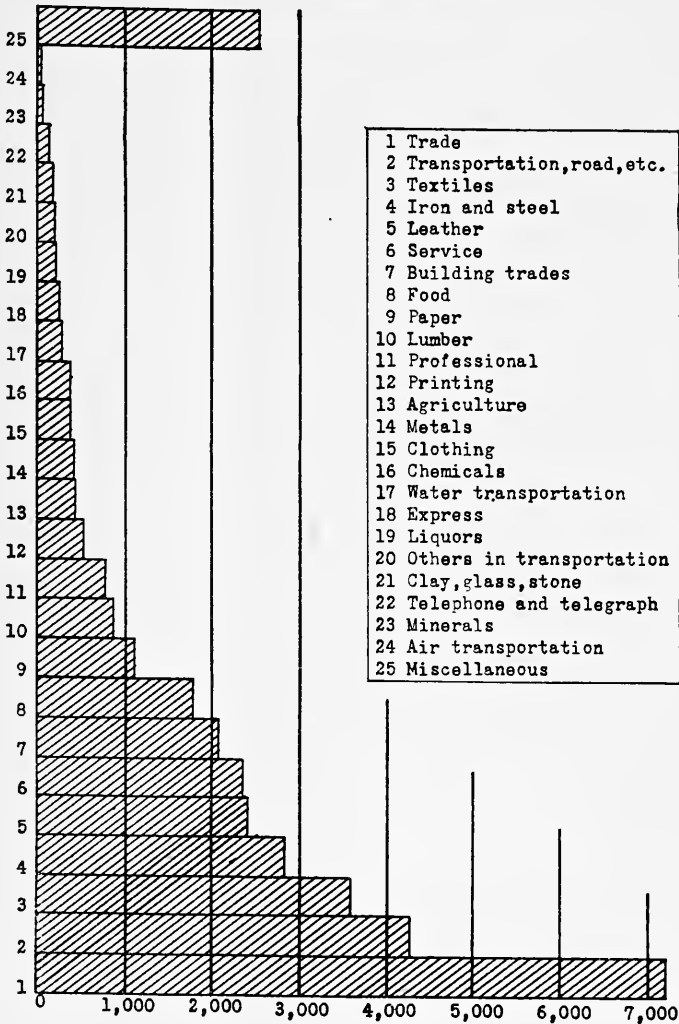


TABLE III, FREQUENCY OF INJURIES, BY INDUSTRIES AND EXTENT OF DISABILITY

This table indicates the number of deaths, permanent total disabilities, permanent partial disabilities, and temporary total disabilities.

In permanent total disabilities, the element of judgment based on experience, must enter into classifying a part of the data. In rating injuries of this nature the general principle by which severity is to be measured is based on economic loss to the community and the loss of wages to the employee. Permanent total disability applies to every injury which permanently incapacitates the workmen from performing any work continuously in a gainful occupation. The element of judgment must enter into the classification of the data, because the statistics must be compiled before we can determine definitely whether an injured employee is ever going to be able to perform work again.

Permanent partial disabilities are all injuries less than permanent total, which result in the loss of any member of the body, or part thereof, or in the permanent impairment of any function, as included in the specific injury table.

Temporary total disabilities are those in which the injured employee returned to work at his former wages, except a small number in which disability extended over one year.

Extent of Total Tabulatable Injuries

EXTENT OF DISABILITY	Number of Cases	Per Cent
Deaths	231	.6
Permanent total disabilities	9	.1
Permanent partial disabilities	853	2.4
Temporary total disabilities	34,124	96.9
Totals	35,217	100.0

¹ Less than one-tenth of one per cent.

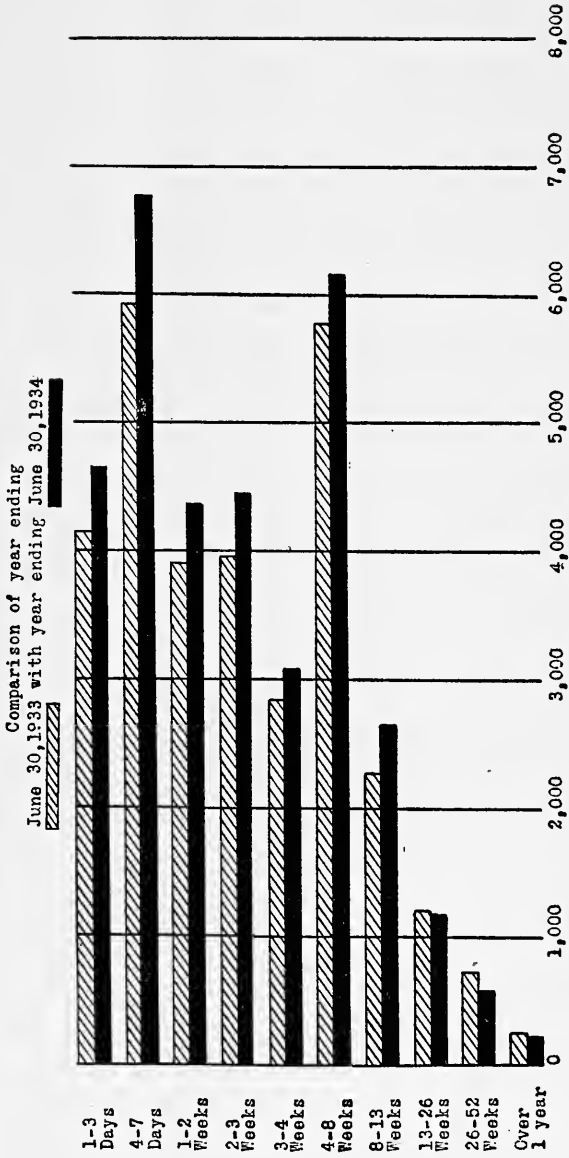
The following table is a summary of the duration of disability in all cases in this classification:

Duration of Temporary Total Disabilities

DISABILITY PERIOD	Number of Cases	Per Cent
1 to 3 days	4,656	13.6
4 to 7 days	6,781	19.9
1 to 2 weeks	4,377	12.8
2 to 3 weeks	4,436	13.0
3 to 4 weeks	3,093	9.1
4 to 8 weeks	6,140	18.0
8 to 13 weeks	2,642	7.7
13 to 26 weeks	1,188	3.5
26 to 52 weeks	591	1.7
Over 1 year	220	.7
Totals	34,124	100.0

It should be noted in 11,437 cases, or 33.5 per cent of the temporary total disabilities, the employee was not incapacitated for a period of more than 7 days. Compensation would not be payable on these injuries, but if the employers were insured, the employees would be entitled to medical benefits.

DURATION OF DISABILITY IN CASES OF TEMPORARY TOTAL DISABILITY



Total Tabulatable Injuries, by Industries and Extent of Disability, Including Percentage Distribution

INDUSTRIES	TOTALS		DEATHS		PERMANENT TOTAL DISABILITIES		PERMANENT PARTIAL DISABILITIES		TEMPORARY TOTAL DISABILITIES	
	Num-ber	Per Cent	Num-ber	Per Cent	Num-ber	Per Cent	Num-ber	Per Cent	Num-ber	Per Cent
Trade	7,199	20.4	37	16.0	2	22.2+	78	9.1	7,082	20.8
Transportation, road	4,270	12.1	62	26.8	1	11.1+	70	8.2	4,137	12.1
Textiles	3,583	10.2	13	5.6	1	11.1+	126	14.8	3,443	10.1
Iron and steel	2,834	8.0	14	6.0	1	11.1+	134	15.7	2,685	7.9
Miscellaneous	2,531	7.2	24	10.4	1	11.1+	98	11.5	2,408	7.1
Leather	2,414	6.8	5	2.2	—	—	65	7.6	2,344	6.9
Service	2,347	6.7	11	4.8	—	—	33	3.9	2,303	6.7
Building trades	2,067	5.9	15	6.5	—	—	30	3.5	2,022	5.9
Food	1,770	5.0	6	2.6	—	—	32	3.7	1,732	5.1
Paper	1,100	3.1	8	3.5	—	—	34	4.0	1,058	3.1
Lumber	876	2.5	5	2.2	1	11.1+	65	7.6	805	2.4
Professional	781	2.2	4	1.7	—	—	7	.8	770	2.3
Printing, bookbinding	535	1.5	3	1.3	—	—	17	2.0	515	1.5
Agriculture	436	1.2	3	1.3	—	—	8	.9	425	1.2
Metals	411	1.2	3	1.3	—	—	22	2.6	386	1.1
Clothing	369	1.1	2	.9	—	—	6	.7	361	1.0
Chemicals	366	1.0	4	1.7	2	22.2+	7	.8	353	1.0
Water transportation	259	.7	1	.4	—	—	3	.4	255	.7
Express	249	.7	1	.4	—	—	—	—	248	.7
Liquors	206	.6	1	.4	—	—	3	.4	202	.6
Others in transportation	201	.6	2	.9	—	—	5	.6	194	.6
Clay, glass, stone	196	.6	5	2.2	—	—	7	.8	184	.5
Telephone, telegraph	147	.4	—	—	—	—	—	—	147	.4
Minerals	65	.2	2	.9	—	—	3	.4	60	.2
Air transportation	5	.1	—	—	—	—	—	—	5	.1
Totals	35,217	100.0	231	100.0	9	100.0	853	100.0	34,124	100.0

¹ Less than one-tenth of one per cent.

Industry.—Attention is called to the fact that the following changes have been made in Tables I, III, IV, VI, and XIII in the Appendix:

The industry classifications "building trades" and "wholesale and retail trade," have each been subdivided into six groups.

Last year there were only 9 cases under "livery stables" and 1,364 under "truck, transfer, cab and hack companies, garages." Therefore, it seemed advisable to combine "livery stables and garages" under one classification and "truck, transfer, cab and hack companies" under another.

We have also added a new classification, "wood heels," to "lumber and its remanufacture."

Deaths.—"Transportation, road, etc." had the highest number of deaths, 62, or 26.8 per cent; followed in order by "trade," with 37, or 16.0 per cent; "miscellaneous," with 24, or 10.4 per cent, and the rest as shown.

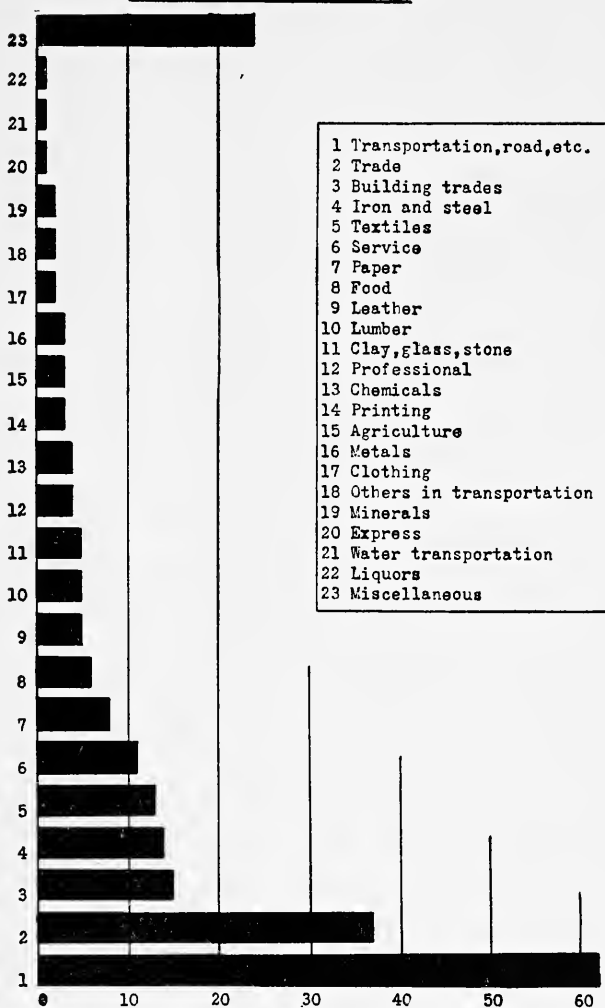
Permanent Total Disabilities.—There were 9 permanent total disabilities this year, distributed as follows: "trade" and "chemicals" each had 2 cases and "transportation, road, etc.," "textiles," "miscellaneous," "iron and steel," and "lumber" each had one.

There was one permanent total in which the employee, who was 29 years old and employed by a pyroxlyn manufacturer, had both hands amputated, when they were caught in the rolls of a machine.

There was one man, 57 years old, employed in a foundry, who contracted silicosis and tuberculosis.

An employee of the Public Works Department of a town had ashes enter his eyes causing an injury, accompanied by glaucoma, for which he may be entitled to specific compensation.

There were 2 severe back injuries resulting in permanent total disability. In one case, the employee sustained a very severe back strain, which aggravated a potentially weak back. This man also had tuberculosis. In the other case, the employee fell downstairs and sprained his back and shoulders. He has had several operations and has been confined to the hospital for over a year.

NUMBER OF FATAL INJURIES BY INDUSTRIESJuly 1, 1933 - June 30, 1934

There were 4 cases of injuries to men of advanced years, which resulted in permanent total disability. The first employee was 65 years old and was overcome by heat, resulting in shock, while working in a soap factory. In the second case, the employee was 66 years old and sustained a fractured skull and concussion of the brain when he fell from a wagon. The third case also involved a fractured skull, which resulted when the employee, 70 years old, fell from a truck. In the fourth case, the employee, who was 69 years old, fell downstairs and sustained a fractured femur.

Permanent Partial Disabilities.—"Iron and steel" had the highest frequency with 134 cases, or 15.7 per cent; "textiles" with 126, or 14.8 per cent and "miscellaneous industries" with 98, or 11.5 per cent.

The original definition of this type of case included all injuries less than permanent total disability which resulted in the loss of any member of the body, or part thereof, or in the permanent impairment of any function of the body. However, in a great many cases there are losses coming within this definition which were so slight that it was found necessary to modify the application of the definition.

Therefore, due consideration has been given to the nature of the case in determining whether or not there should be a modification of the application of the definition.

Table VIII will give some idea of the manner in which the severity is measured. The difference in the total number of permanent partial disabilities and the total number of specific injuries (Tables XIV and XV) is due to the modification of the definition as given above.

Temporary Total Disabilities.—The frequency order of this group of injuries occurred as printed.

TABLE IV, SEVERITY OF INJURIES, BY INDUSTRIES AND EXTENT OF DISABILITY

This table aims to give a measure of the severity of injuries according to the actual and weighted time loss, the unit of time loss being the unit least given to fluctuating.

The weighting of the temporary total disabilities is most easily determined by using as the basis of measurement the actual number of days lost as a result of the injuries.

Under the plan adopted for the weighting of the other types of injuries, the following principles were used:

For each death and permanent total disability, a weight of six thousand days was employed as representing the average working life expectancy. This was determined on the accident experience in several states and some practical modifications based on committee judgment.

For each permanent partial disability, an aliquot part of six thousand days, proportionate to the degree of disability resulting from the particular bodily impairment in each case.

Severity of Total Tabulatable Injuries, by Industries and Extent of Disability

INDUSTRIES	Totals	Deaths	Per- manent Total Disabil- ities	Per- manent Partial Disabil- ities	Tem- porary Total Disabil- ities
Transportation, road	605,703	372,000	6,000	78,750	148,953
Trade	522,744	222,000	12,000	77,400	211,344
Miscellaneous	303,249	144,000	6,000	81,900	71,349
Textiles	299,898	73,000	6,000	99,200	116,698
Iron and steel	274,953	84,000	6,000	98,100	86,853
Building trades	209,398	90,000	—	34,800	84,598
Service	172,704	66,000	—	34,050	72,654
Leather	142,078	30,000	—	44,250	67,828
Paper	107,271	48,000	—	28,500	30,771
Food	103,253	36,000	—	22,800	44,453
Lumber	101,395	30,000	6,000	42,650	22,745
Professional	50,656	24,000	—	4,800	21,856
Chemicals	49,877	24,000	12,000	3,000	10,877
Printing, bookbinding	47,105	18,000	—	15,150	13,955
Metals	43,918	18,000	—	12,900	13,018
Agriculture	43,047	18,000	—	10,200	14,847
Clay, glass, stone	40,458	30,000	—	2,700	7,758
Clothing	27,913	12,000	—	4,500	11,413
Others in transportation	25,489	12,000	—	3,600	9,889
Minerals	17,704	12,000	—	3,600	2,104
Water transportation	16,840	6,000	—	1,500	9,340
Liquors	15,749	6,000	—	2,850	6,899
Express	11,578	6,000	—	—	5,578
Telephone and telegraph	3,633	—	—	—	3,633
Air transportation	325	—	—	—	325
Totals	3,236,938	1,386,000	54,000	707,200	1,089,738

Distributed Severity of Injuries

EXTENT OF DISABILITY	Days Lost	Per Cent
Deaths	1,386,000	42.8
Permanent total disabilities	54,000	1.7
Permanent partial disabilities	707,200	21.8
Temporary total disabilities	1,089,738	33.7
Totals	3,236,938	100.0

The above table indicates that under the weighted system used, deaths cover 42.8 per cent of the total time loss, although only 231 out of a total of 35,217 cases were fatal.

Percentage Distribution of Lost Days and Average Days Per Case, by Industries

INDUSTRIES	Per Cent of Total	Average Days per Case
Transportation, road	18.7	141
Trade	16.1	72
Miscellaneous	9.4	119
Textiles	9.3	83
Iron and steel	8.5	93
Building trades	6.5	101
Service	5.3	73
Leather	4.4	58
Paper	3.3	97
Food	3.2	58
Lumber	3.1	115
Professional	1.6	64
Chemicals	1.5	136
Printing, bookbinding	1.4	88
Metals	1.4	107
Agriculture	1.3	98
Clay, glass, stone	1.2	206
Clothing	.9	75
Others in transportation	.8	126
Minerals	.5	272
Water transportation	.5	65
Liquors	.5	76
Express	.4	46
Telephone and telegraph	.1	24
Air transportation	.1	65
Totals	100.0	91

¹ Less than one-tenth of one per cent.

A study of the above table indicates that the industry "minerals," again this year, contained the injuries which were of the most severe character, the average days lost per case being 272. Last year the average days per case for this industry were 308. However, it should be noted that this year, as well as last, there were only 65 cases in this industry classification, 2 being fatalities for which a weighted time loss of 12,000 days is given and 3 permanent partials with a weighted time loss of 3,600 days.

The industry "clothing" showed an average time loss of 75 days as compared with 32 days per case in 1933. This may be accounted for by the fact that there were 2 fatalities in 1934 and none in 1933.

TABLE V, SEX AND AGE OF INJURED IN TOTAL TABULATABLE INJURIES

Sex of Injured.—The following table indicates that from a total of 35,217 cases, 88.3 per cent occurred among males and 4,111, or 11.7 per cent occurred among females. The experience according to the extent of disability is here shown.

Extent of Injury, by Sex

EXTENT OF DISABILITY	MALES		FEMALES	
	Number of Cases	Per Cent	Number of Cases	Per Cent
Deaths	227	.7	4	.1
Permanent total disabilities	9	.1	—	—
Permanent partial disabilities	776	2.5	77	1.9
Temporary total disabilities	30,094	96.7	4,030	98.0
Totals	31,106	100.0	4,111	100.0

¹ Less than one-tenth of one per cent.

An analysis of the above table shows that males sustained 98.3 per cent of the fatal injuries, and that .7 per cent of the total injuries to them were fatal. The fatal injuries to women were .1 per cent of the total injuries sustained by them.

The permanent total injuries, all occurring to males, were less than one-tenth of one per cent. The percentages of the permanent partial and temporary total disabilities were of almost equal proportion.

Age.—The age experience for all years is considered by compressing the number, by year intervals, into groups sufficient for general explanation.

Distribution of Total Tabulatable Injuries, by Age Periods

AGE PERIODS (YEARS)	Number of Cases	Per Cent
14 and under	24	.1
15	23	.1
16	163	.5
17	360	1.0
18	733	2.1
19	859	2.4
20 to 24, inclusive	5,644	16.0
25 to 29, inclusive	5,372	15.3
30 to 34, inclusive	4,556	12.9
35 to 39, inclusive	4,382	12.4
40 to 44, inclusive	3,901	11.1
45 to 49, inclusive	3,254	9.2
50 to 54, inclusive	2,386	6.8
55 to 59, inclusive	1,606	4.6
60 to 64, inclusive	1,101	3.1
65 and over	853	2.4
Totals	35,217	100.0

No comment on the above table seems necessary except to state that the ages from 14 to 20 are given for the benefit of those interested in minors.

TABLE VI, TOTAL TABULATABLE INJURIES, BY INDUSTRIES AND WAGE GROUPS

No attempt is made in the following table to give the distribution by industries, as Table VI in the Appendix contains this information.

Distribution of Tabulatable Injuries, by Wage Groups

WAGE GROUPS	Number of Cases	Per Cent of Total	Cumulative Per Cent
Under \$10.00	1,633	4.7	4.7
\$10.00 to \$10.99	889	2.5	7.2
\$11.00 to \$11.99	658	1.9	9.1
\$12.00 to \$12.99	1,519	4.3	13.4
\$13.00 to \$13.99	1,444	4.1	17.5
\$14.00 to \$14.99	1,901	5.4	22.9
\$15.00 to \$15.99	2,530	7.2	30.1
\$16.00 to \$16.99	1,980	5.6	35.7
\$17.00 to \$17.99	1,264	3.6	39.3
\$18.00 to \$18.99	2,592	7.4	46.7
\$19.00 to \$19.99	1,189	3.4	50.1
\$20.00 to \$20.99	2,289	6.5	56.6
\$21.00 to \$21.99	1,167	3.3	59.9
\$22.00 to \$22.99	1,476	4.2	64.1
\$23.00 to \$23.99	820	2.3	64.4
\$24.00 to \$24.99	1,378	3.9	70.3
\$25.00 to \$25.99	1,972	5.6	75.9
\$26.00 to \$26.99	716	2.0	77.9
\$27.00 to \$27.99	1,045	3.0	80.9
\$28.00 to \$28.99	815	2.3	83.2
\$29.00 to \$29.99	367	1.0	84.2
\$30.00 to \$30.99	1,451	4.1	88.3
\$31.00 to \$31.99	356	1.0	89.3
\$32.00 to \$32.99	427	1.2	90.5
\$33.00 to \$33.99	269	.8	91.3
\$34.00 to \$34.99	215	.6	91.9
\$35.00 and over	2,855	8.1	100.0
Totals	35,217	100.0	

This year as well as last, the group "\$35.00 and over," is the largest with 2,855 cases, or 8.1 per cent of the total. This is, however, 3.3 per cent less than last year and 15. per cent less than for the year ending June 30, 1930.

There was a decrease from 6.8 per cent in 1933 to 4.7 per cent in 1934, in the number of cases in which the employees were receiving less than \$10 a week. However, during the year ending June 30, 1930, this group was only 1.4 per cent of the total.

The number of cases in which the employees received the maximum compensation of \$18 a week decreased from 28.8 per cent in 1933 to 22.1 per cent in 1934.

NUMBER OF TOTAL TABULATABLE INJURIES BY WAGE GROUP

Comparison of year ending
June 30, 1933 with year ending June 30, 1934

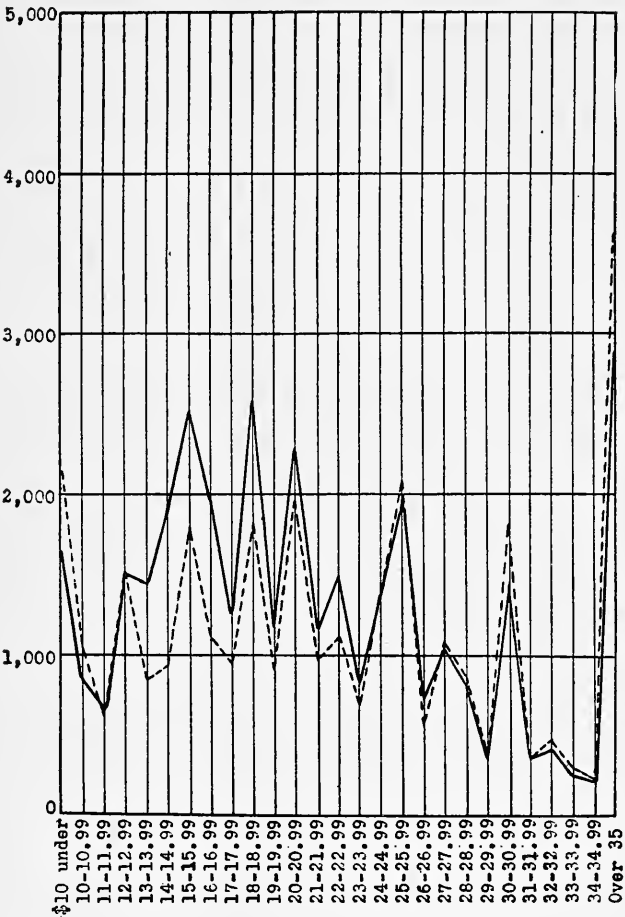


TABLE VII, LOCATION OF INJURY, BY NATURE OF INJURY
Distribution of Tablatable Injuries, by Location of Injury

LOCATION OF INJURY	Number of Cases	Per Cent
Upper extremities	14,535	41.3
Lower extremities	9,066	25.7
Trunk	7,641	21.7
Head	1,939	5.5
Face and neck	1,098	3.1
Body	938	2.7
Totals	35,217	100.0

It will be observed that of a total of 35,217 injuries, 14,535 or 41.3 per cent affected the upper extremities.

From the medical aspect in particular, and for information in general, the following table, which shows the number of tablatable injuries, by location and nature of injury, will prove of interest.

Distribution of Tabulatable Injuries, by Location and Nature of Injury

NATURE OF INJURY	Head	Face and Neck	Trunk	Upper Extremities	Lower Extremities	Body	Totals
Cuts, punctures, etc.	591	384	88	7,014	1,485	29	9,591
Sprains and strains	2	67	5,549	1,391	2,279	36	9,324
Abrasions, bruises, etc.	215	142	943	2,053	2,768	184	6,305
All other	725	114	559	997	939	399	3,733
Fractures	76	66	425	1,154	1,236	—	2,957
Burns and scalds	191	250	55	769	269	39	1,573
Amputations, loss of use	51	—	—	671	39	—	761
Occupational diseases	17	75	9	358	16	228	703
Dislocations	—	—	13	128	35	—	176
Concussions	71	—	—	—	—	—	71
Electric shocks	—	—	—	—	—	23	23
Totals	1,939	1,098	7,641	14,535	9,066	938	35,217

TABLE VIII, LOCATION, BY NATURE OF INJURY AND EXTENT OF DISABILITY

This table shows the tabulatable injuries, by nature of injury and duration of disability, including the percentage distribution. The location of injury is not given in this analysis.

Total Tabulatable Injuries, by Nature of Injury and Extent of Disability, Including Percentage Distribution

NATURE OF INJURY	Totals	Per Cent	Deaths	Per- manent Total Disabili- ties	Per- manent Partial Disabili- ties	Tem- porary Total Disabili- ties
Cuts, punctures, etc.	9,591	27.2	16	—	2	9,573
Sprains and strains	9,324	26.5	14	1	12	9,297
Abrasions, bruises, etc.	6,305	17.9	6	—	1	6,298
All other	3,733	10.6	71	3	12	3,647
Fractures	2,957	8.4	75	2	44	2,836
Burns and scalds	1,573	4.5	15	—	1	1,557
Amputations, loss of use	761	2.1	6	1	754	—
Occupational diseases	703	2.0	17	1	22	663
Dislocations	176	.5	—	—	—	176
Concussions	71	.2	3	1	4	63
Electric shocks	23	.1	8	—	1	14
Totals	35,217	100.0	231	9	853	34,124

TABLE IX, INFECTION, BY NATURE OF INJURY AND EXTENT OF DISABILITY

A comparison of the statistics of infections shows that there were 166 cases more than in 1933. Experience of the Board shows that one out of every eleven tabulatable injuries resulted in an infection, as compared with one out of every ten for the four previous years. The reason for this rather strange ratio can be more or less charged to the individual.

Investigation made by the Department of Labor and Industries has indicated that in the greater majority of cases facilities for first aid treatment were available, but that the employees neglected to make use of them.

Infection, by Nature of Injury and Extent of Disability

NATURE OF INJURY	Totals	Deaths	Permanent Partial Disabilities	Temporary Total Disabilities
Cuts, punctures, lacerations	2,164	15	1	2,148
Abrasions, bruises, contusions	457	5	1	451
All other	376	—	2	374
Burns and scalds	95	2	—	93
Amputations, loss of use	45	3	42	—
Fractures	7	1	—	6
Sprains and strains	7	—	—	7
Totals	3,151	26	46	3,079

According to the above table 3,151 cases of infections ensued from injuries. This is 8.9 per cent of the total tabulatable injuries.

TABLE X, CAUSES OF INJURIES, BY EXTENT OF DISABILITY

This table presents the accident experience with such detail as resources permit, showing by detailed causes the relative extent of different types of injuries due to assigned causes. The table also shows the weighted severity of injuries, based on time loss.

For each cause enumerated, the following information is given:

Number of tabulatable injuries:	Days lost due to:
Total cases	Total cases
Deaths	Deaths
Permanent total disabilities	Permanent total disabilities
Permanent partial disabilities	Permanent partial disabilities
Temporary total disabilities	Temporary total disabilities
7 days and under	7 days and under
1 to 2 weeks	1 to 2 weeks
2 to 3 weeks	2 to 3 weeks
Over 3 weeks	Over 3 weeks

Condensed information of the detailed table follows:

Total Tabulatable Injuries, by Cause of Injury and Extent of Disability

CAUSE OF INJURY	Totals	Deaths	Permanent Total Disabilities	Permanent Partial Disabilities	Temporary Total Disabilities
Handling of objects	10,226	21	1	102	10,102
Falls of persons	6,534	38	2	48	6,446
Machinery	5,098	24	1	527	4,546
Vehicles	2,914	72	2	32	2,808
Hand tools	2,522	3	—	45	2,474
Stepping on or striking against objects	2,036	9	—	14	2,013
Miscellaneous causes	1,962	12	2	35	1,913
Explosions, electricity, etc.	1,595	28	—	16	1,551
Falling objects, not being handled by employee	1,439	6	—	10	1,423
Occupational diseases	699	17	1	22	659
Animals	192	1	—	2	189
Totals	35,217	231	9	853	34,124

The above table, in condensed form shows for each printed cause group the total number of injuries and the distribution by extent of the resulting disability.

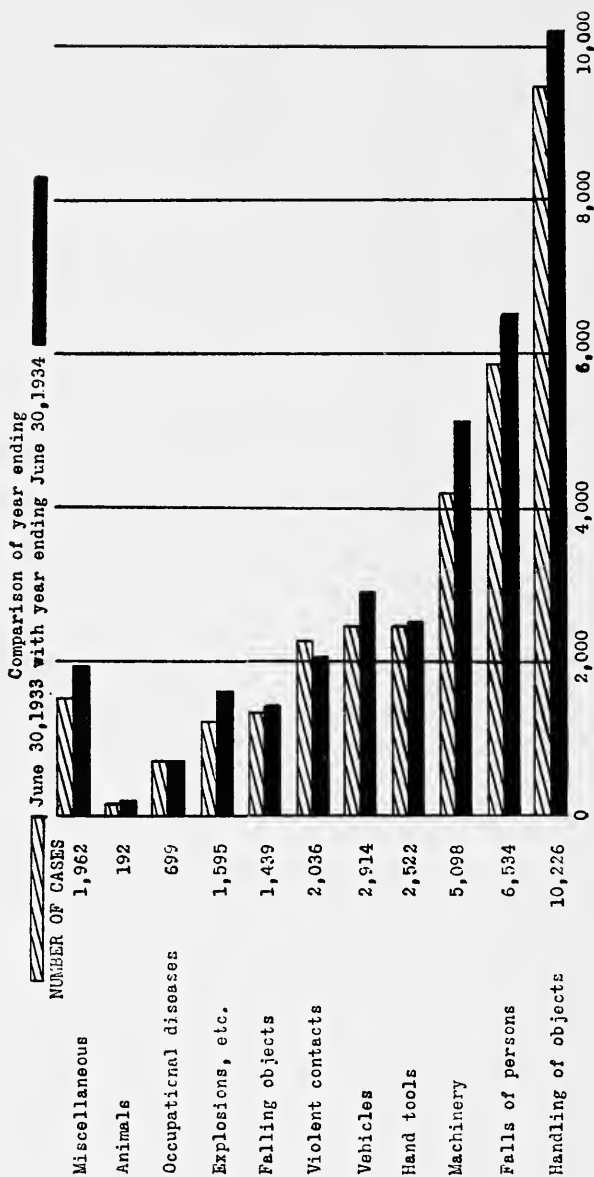
The following table shows by percentage distribution the information conveyed above, and may be better used for purposes of comparison.

Distribution of Causes, by Per Cents

CAUSE OF INJURY	Totals	Deaths	Permanent Total Disabilities	Permanent Partial Disabilities	Temporary Total Disabilities
Handling of objects	29.0	9.1	11.1 ⁺	12.0	29.6
Falls of persons	18.5	16.4	22.2 ⁺	5.6	18.9
Machinery	14.5	10.4	11.1 ⁺	61.8	13.3
Vehicles	8.3	31.2	22.2 ⁺	3.7	8.2
Hand tools	7.2	1.3	—	5.3	7.3
Stepping on or striking against objects	5.8	3.9	—	1.6	5.9
Miscellaneous causes	5.6	5.2	22.2 ⁺	4.1	5.6
Explosions, electricity, etc.	4.5	12.1	—	1.9	4.5
Falling objects, not being handled by employee	4.1	2.6	—	1.2	4.2
Occupational diseases	2.0	7.4	11.1 ⁺	2.6	1.9
Animals . . . . .	.5	.4	—	.2	.6
Totals	100.0	100.0	100.0	100.0	100.0

The cause group in which the highest number of accidents occurred was "handling of objects," with 29.0 per cent, followed by "falls of persons," with 18.5 per cent.

DISTRIBUTION OF INJURIES



Distribution of Causes, by Resultant Days Lost

CAUSE OF INJURY	Totals	Per Cent	Deaths	Permanent Total Disabilities	Permanent Partial Disabilities	Temporary Total Disabilities
Machinery	651,776	20.1	144,000	6,000	358,300	143,476
Vehicles	604,299	18.7	432,000	12,000	53,850	106,449
Falls of persons	583,777	18.0	228,000	12,000	76,500	267,277
Handling of objects	496,749	15.4	126,000	6,000	62,850	301,899
Explosions, electricity, etc.	223,610	6.9	168,000	—	15,300	40,310
Occupational diseases	165,009	5.1	102,000	6,000	28,500	28,509
Miscellaneous causes	155,610	4.8	72,000	12,000	25,200	46,410
Stepping on or striking against objects	120,529	3.7	54,000	—	21,600	44,929
Hand tools	119,998	3.7	18,000	—	48,000	53,998
Falling objects, not being handled by employee	99,388	3.1	36,000	—	14,100	49,288
Animals	16,193	.5	6,000	—	3,000	7,193
Totals	3,236,938	100.0	1,386,000	54,000	707,200	1,089,738

As indicated above the most serious cause of injury as measured in terms of time loss, is "machinery," with 20.1 per cent of the total. The estimated time loss on this account, as shown by the above table, was 651,776 days. This increase is due, in part, to the fact that there were 24 fatalities in this classification this year and only 10 last year.

Average Time Loss per Case, by Principal Causes

CAUSE OF INJURY	Average Days per Case
Occupational diseases	236
Vehicles	207
Explosions, electricity, etc.	140
Machinery	127
Falls of persons	89
Animals	84
Miscellaneous causes	79
Falling objects, not being handled by employee	69
Stepping on or striking against objects	59
Handling of objects	48
Hand tools	47

In considering these figures the fact should be remembered that the units cover all cases, including deaths, permanent total, permanent partial, and temporary total disabilities. If more detailed analysis is desired to meet particular questions, reference should be made to the Appendix under this table heading.

TABLE XI, MACHINERY—FREQUENCY OF INJURIES, BY MANNER OF OCCURRENCE AND BY PART OF MACHINE

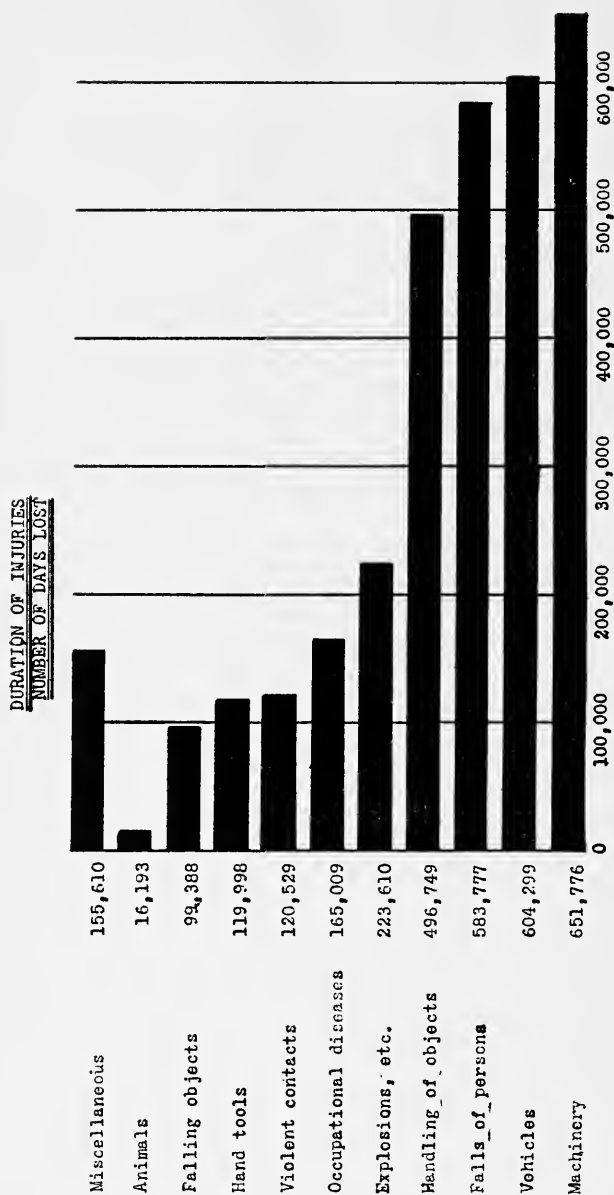
The number of machine accidents, according to the cause and the percentage of the total, is given in the following table:

Machine Accidents, by Manner of Occurrence

MANNER OF OCCURRENCE	Number of Cases	Per Cent of Total
Starting, stopping, or operating machine	2,320	45.5
All other	1,149	22.5
Adjusting machine, tool, or work	561	11.0
Flying objects	382	7.5
Cleaning or oiling machine	339	6.7
Breaking of machine, tool, or work	216	4.2
Repairing machine	131	2.6
Totals	5,098	100.0

Of the 5,098 machine accidents, 2,320 or 45.5 per cent occurred while "starting, stopping or operating machine." There were 1,976 of these cases which occurred at the "point of operation."

Further analysis of the table is given in the following summary, showing the part of the machine on which the injury occurred.



Machine Accidents, by Part of Machine

PART OF MACHINE	Number of Cases	Per Cent of Total
Point of operation	3,004	58.9
All other	1,656	32.5
Gears	196	3.8
Belts	194	3.8
Cranks and eccentrics	23	.5
Setscrews, keys, and bolts	11	.2
Flywheels	10	.2
Counterweights	4	.1
Totals	5,098	100.0

TABLE XII, CONDITION OF DEPENDENTS IN UNINSURED FATAL CASES

This table shows in detail, when the information was obtainable, the industry, occupation, age, wage, amount payable under the Act in analogous cases, dependents, settlement, and financial condition of the family. Analysis of the facts in the table is not made here, but will be found in a separate chapter devoted to the subject under this heading.

TABLE XIII, CONJUGAL CONDITION AND DEPENDENCY IN CASES OF FATAL INJURIES

The conjugal condition of the employees fatally injured, the extent of dependency according to the number of persons dependent are considered in the following paragraphs:

Conjugal Condition in Fatal Cases

CONDITION	Number of Cases	Per Cent of Total
Single	34	14.7
Married	183	79.3
Widowed	13	5.6
Divorced	1	.4
Totals	231	100.0

Of the 183 cases in which the employees were married, 181 involved total dependency, 1 partial and 1 no dependency.

There were 34 cases in which the employees were single. Total dependency was involved in 7 cases, partial dependency in 17 cases, and in the remaining 10 cases, there was no dependency.

In the remaining 14 cases, 13 were widowed and 1 divorced.

TABLE XIV, SPECIFIC INJURY CASES, BY AGE OF PERSONS INJURED

This table indicates that there were 754 cases of specific injuries. In 103, or 13.7 per cent, the employees were more than 55 years of age; 1, or .1 per cent, occurred among children under 16 years of age.

The number of injuries to minors increased from 6 in 1933 to 15 in 1934.

Specific Injuries

TYPE OF INJURY	Number of Cases	Per Cent
One or more fingers, 1 phalange	495	65.6
Two or more fingers, 2 or more phalanges	57	7.6
One eye	51	6.8
Right or major index finger, 2 or more phalanges	26	3.4
Right or major thumb, 1 phalange	20	2.7
Right or major hand or arm	20	2.7
One foot or leg	16	2.1
One toe	13	1.7
Left or minor hand or arm	13	1.7
Right or major thumb, 2 or more phalanges	12	1.6
Two or more toes	7	.9
Right or major index finger at second joint and one or more fingers	6	.8
Right or major thumb at first joint and right or major index finger at second joint	5	.7
Right or major thumb at first joint and one or more fingers	3	.4
Right or major thumb and index finger, 2 or more phalanges	2	.3
Right or major thumb at second joint and one or more fingers	2	.3
One finger or thumb on each hand	2	.3
Two or more fingers on each hand	1	.1
One finger or thumb and one toe	1	.1
All toes on one foot, one on other, and one finger on each hand	1	.1
Both hands	1	.1
Totals	754	100.0

The group "one or more fingers, one phalange," continues to be the largest numerically of all the groups classified within this table. Included within this classification are all finger injuries, except those occurring to the right or major thumb and index finger, in which there is a loss either by amputation or the equivalent loss of use of less than two phalanges of one or more fingers. In other words, this group includes specified injuries to both one finger and left or minor thumb, and other such injuries which do not come within the higher classification, "two or more fingers, two or more phalanges."

There was one case in which the employee lost both hands. In another, which is not included in the above table, it has not been definitely determined whether or not specific compensation is due for the loss of sight in both eyes. This case has been rated a permanent total and is listed under Table III.

TABLE XV, SPECIFIC INJURY CASES, BY CAUSES

There were 514 cases, or 68.2 per cent of the total specific injuries, which occurred on machinery. This is an increase of 1.7 per cent as compared with 1933.

In the group "one or more fingers, one phalange," there were 495 cases. There were 361 of these cases which were due to machinery and 276, or 79.2 per cent, occurred at the "point of operation."

Percentage Distribution of Specific Injury Cases, by Causes

CAUSE OF INJURY	Number of Cases	Per Cent of Total
Machinery	514	68.2
Handling of objects	92	12.2
Hand tools	43	5.7
Miscellaneous causes	34	4.5
Vehicles	25	3.3
Falls of persons	15	2.0
Fires, explosions, electricity, etc.	13	1.7
Stepping on or striking against objects	13	1.7
Falling objects, not being handled by employee	5	.7
Totals	754	100.0

Distribution of Specific Injuries to Eye, by Causes

CAUSE OF INJURY	Number of Cases
Hand tools	22
Machinery	12
Fires, explosions, electricity, etc.	6
Handling of objects	4
Miscellaneous causes	2
Falls of persons	2
Stepping on or striking against objects	2
Falling objects not being handled by injured	1
Total	51

DEPENDENCY IN FATAL CASES NOT INSURED UNDER THE ACT

From July 1, 1933, to June 30, 1934, there were 22 non-insured fatal cases. The dependents in these cases obtained their relief by settlement, voluntary agreement or through legal procedure.

The information contained below was obtained by questionnaires sent to the dependents or by personal interview.

Not Insured Fatal Injuries, by Industries

INDUSTRY	Number of Cases	INDUSTRY	Number of Cases
Steam railroads	12	Ice Harvesting	1
Cotton Manufacture	2	Professional service	1
Express	2	Taxi	1
Real Estate	1	Quarrying	1
Wholesale and retail trade	1	Total	22

The average age of the employees at the time of death was 45 years and the average weekly wages were \$25.54.

Subject to the provisions of the Act, the possible total payment to dependents in these cases is \$97,550.00. In all but 3 cases dependency was total and in each of such cases the maximum payment possible, according to the number of dependents, is between \$4,000 and \$6,400. In the 3 "no dependency" cases, \$250

would have been due in each case, \$150 for funeral expenses and \$100 to the Commonwealth in accordance with G. L. c. 152, s. 65.

In only 7 of these cases were we able to obtain accurate figures as to the actual amount paid by non-insured employers to the dependents of their fatally injured employees. The amount paid was \$20,900, or an average of \$2,985 per case.

Last year the total amount of settlements reported in 11 cases was \$79,095. This figure included one case in which \$20,000 was paid, and 4 cases in each of which between \$8,000 and \$9,000 was reported paid. These were cases of injuries to a railroad inspector, a foreman, a fireman, an engineer, and a yard-man.

A statistical tabulation of these cases follows:

Industry and occupation	Age	Wages	Dependents and Amount Payable in Analogous Cases	Settlement
Steam railroad, trackman	32	\$12.68	None (\$250.00)	\$1,000
Steam railroad, foreman	42	\$35.00	Widow and 2 children (\$5,600.00)	\$ 2,500
Steam railroad, freight conductor	65	\$35.00	Widow (\$4,000.00)	\$ 600
Professional service, painter	37	\$33.00	Widow and 6 children (\$6,400.00)	\$ 6,200
Mfg. cotton goods, ass't. fireman	48	\$21.95	Two children (\$4,000.00)	\$ 3,000
Mfg. cotton yarn, overseer	49	\$30.80	Widow and 2 children (\$5,600.00)	\$ 2,000
Express, sorter and loader	52	\$29.75	Widow and 1 child (\$4,800.00)	\$ 5,600
Totals			\$30,650.00	\$20,900

An analysis of dependency is of value in uninsured cases in showing upon whom the burden fell.

Dependency in Uninsured Cases

DEPENDENCY	Number of Cases	DEPENDENCY	Number of Cases
Widow and 6 children	1	Widow and 1 child	1
Widow and 5 children	2	Widow	6
Widow and 4 children	1	Two children	1
Widow and 3 children	1	One child	1
Widow and 2 children	5	No dependents	3
		Total	22

THE MEDICAL DIVISION

The work accomplished by the Medical Division of the Board, under the supervision of its medical adviser,¹ is briefly presented in this chapter. A more detailed statement of the work and functions of this department will be found in the sixth annual report.

Insurers under the Workmen's Compensation Act paid out for medical and hospital services during the period July 1, 1933, to June 30, 1934, the sum of \$2,175,950.93. This sum represents 35.3 per cent of the total payments of the year. During this period, 87,695 injured employees were furnished either medical or hospital treatment at the expense of the insurance companies.

Many problems have grown out of the large number of cases which have required the advice and assistance of the Medical Division, including advice as to the reasonableness of the charges of physicians and hospitals in disputed cases, adequacy of the treatment provided, additional treatment beyond the first two weeks after the injury, whether the employee's incapacity for work as a result of the injury had terminated in whole or in part, and other medical questions.

Impartial physicians are appointed by the Members of the Board. During the year covered by this report, 2,179 impartial examinations have been made at a total cost of \$17,345.76. In addition to this sum, \$644.36 was paid out on account of services of impartial physicians at hearings upon disputed cases, and for hospital records obtained by the Board.

The Medical work of the Board has been administered from the viewpoint that employees are entitled to adequate medical and hospital treatment, but that the cost of such treatment should be reasonable.

¹ Francis D. Donoghue, M. D.

AMENDMENTS TO THE WORKMEN'S COMPENSATION ACT

The following four amendments were enacted during the 1935 session. There were several others pending at the time that this report went to press, which, in all probability, will be enacted.

Chapter one hundred and fifty-two of the General Laws is hereby amended by striking out section twenty-seven, as appearing in the Tercentenary Edition, and inserting in place thereof the following:

Section 27. If the employee is injured by reason of his serious and wilful misconduct, he shall not receive compensation; but this provision shall not bar compensation to his dependents if the injury results in death. (Approved June 5, 1935, in effect September 3, 1935.)

Section one of chapter one hundred and fifty-two of the General Laws, as appearing in the Tercentenary Edition, is hereby amended by adding at the end of clause (1) the following:

In case the injured employee is employed in the concurrent service of more than one insured employer his total earnings from the several insured employers shall be considered in determining his average weekly wages. Weeks in which the employee received less than five dollars in wages shall be considered time lost and shall be excluded in determining the average weekly wages; provided, however, that this exclusion shall not apply to employees whose normal working hours in the service of the employer are less than fifteen hours each week.

Said chapter one hundred and fifty-two is hereby amended by striking out section thirty-four, as so appearing, and inserting in place thereof the following:

Section 34. While the incapacity for work resulting from the injury is total, the insurer shall pay to the injured employee a weekly compensation equal to two-thirds of his average weekly wages, but not more than eighteen dollars nor less than nine dollars a week, unless the weekly wages of the injured employee are less than nine dollars, in which case said weekly compensation shall be equal to his average weekly wages, but in no case less than seven dollars a week where the number of normal working hours of the injured employee in a week are fifteen or more; provided, that the period covered by such compensation shall not be greater than five hundred weeks nor the amount more than forty-five hundred dollars. (Approved June 5, 1935, in effect September 3, 1935.)

Chapter one hundred and fifty-two of the General Laws is hereby amended by striking out section thirty-six, as amended by chapter two hundred and fifty-seven of the acts of nineteen hundred and thirty-three, and inserting in place thereof the following:

Section 36. In case of the following specified injuries the sum of ten dollars a week shall be paid, in addition to all other compensation, for the following periods:

(a) For the loss by severance of both hands at or above the wrist, a period of one hundred and seventy-five weeks.

(b) For the reduction to twenty-seventieths of normal vision in both eyes, with glasses, a period of one hundred and fifty weeks.

(c) For the loss by severance of both feet at or above the ankle, a period of one hundred weeks.

(d) For the loss by severance of the right or major hand at or above the wrist, a period of seventy-five weeks.

(e) For the loss by severance of the left or minor hand at or above the wrist, or of either foot at or above the ankle, a period of fifty weeks.

(f) For the reduction to twenty-seventieths of normal vision in either eye, with glasses, a period of fifty weeks.

(g) For the loss by severance at or above the second joint of the thumb of the right or major hand, a period of forty weeks.

(h) For the loss by severance at or above the second joint of the index finger of the right or major hand, a period of twenty weeks.

(i) For the loss by severance of one phalange of the thumb of the right or major hand, a period of twenty weeks.

(j) For the loss by severance of two phalanges of each of two fingers of the same hand which for the purposes hereof may include the thumb of the left or minor hand but not the thumb or index finger of the right or major hand, or of each of

two or more toes of the same foot, a period of twenty-five weeks for each hand or foot so injured, and any compensation payable under this paragraph shall be in addition to any compensation payable under paragraphs (g), (h), (i), and (k), or any of them, subject, however, to the limitation contained in said paragraph (k).

(k) For the loss by severance of the terminal phalange or phalanges of any finger or fingers, not exceeding three on the same hand, which for the purposes hereof may include the thumb of the left or minor hand but not of the right or major hand, a period of twelve weeks in case of the loss by severance of one such terminal phalange, or a period of twenty-two weeks in case of the loss as aforesaid of two such terminal phalanges on the same hand, or a period of thirty-weeks in case of the loss as aforesaid of three or more such terminal phalanges on the same hand; provided, that no compensation shall be payable under this paragraph for the loss by severance of any phalange for the loss of which compensation is payable under any other paragraph of this section, and provided, further, that compensation shall be payable under this paragraph on account of injury to one hand only for such number of weeks as, together with the number of weeks during which compensation is payable under any other paragraph of this section for injury to the same hand, will not exceed forty-seven in the case of the left or minor hand or seventy-two in the case of the right or major hand.

(l) For the loss by severance of at least one phalange of any toe, a period of twelve weeks, for each foot so injured.

(m) The additional amounts provided for in this section in case of the loss of a particular hand, foot, thumb, finger, toe or phalange shall also be paid for the number of weeks above specified if the injury is such that that hand, foot, thumb, finger, toe or phalange is not lost but so injured as to be permanently incapable of use. (Approved June 5, 1935, in effect September 3, 1935.)

Chapter one hundred and seventeen of the acts of nineteen hundred and thirty-two is hereby amended by striking out section two, which read as follows:

"This act shall apply to cases wherein compensation has been paid in pursuance of findings or agreements of the parties made subsequent to January first, nineteen hundred and twenty-five." (Approved June 13, 1935, in effect September 11, 1935.)

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STATISTICAL TABLES.

TABLE I.—*Total Tabulatable Injuries, by Industries and Cases Insured and not Insured, July 1, 1933 to June 30, 1934*

INDUSTRIES	Insured	Not Insured	Total
Agriculture, Forestry and Animal Husbandry	418	18	436
Agriculture	249	7	256
Forestry	72	3	75
Animal husbandry	40	1	41
Ice harvesting	57	7	64
Extraction of Minerals	52	13	65
Quarrying	52	13	65
Building Trades	2,052	15	2,067
Carpenters	349	1	350
Electricians	105	1	106
Masons	159	—	159
Plumbers	204	1	205
Painters	95	1	96
All other	1,140	11	1,151
Chemical and Allied Products	365	1	366
Fertilizers	27	—	27
Paints, varnish and japanning	36	—	36
Powder, cartridges, fireworks, etc., makers	22	—	22
Soap makers	57	—	57
Other chemical workers	223	1	224
Clay, Glass and Stone Products	193	3	196
Brick makers	33	—	33
Potteries	8	—	8
Tile makers	3	—	3
Glass makers, workers	33	—	33
Lime, cement and gypsum	42	—	42
Marble and stone cutters	65	3	68
Mica, isinglass	9	—	9
Clothing	368	1	369
Clothing makers	282	1	283
Corset makers	7	—	7
Hat makers, wool or felt	48	—	48
Shirt, collar and cuff makers	31	—	31
Food and Kindred Products	1,765	5	1,770
Bakery, bread and other bakery products	470	2	472
Butter and cheese makers	45	—	45
Candy, confectionery	234	—	234
Fish curers and packers	108	1	109
Flour and grain mills	5	—	5
Fruit and vegetable canners	16	—	16
Slaughter and packing houses	605	2	607
Sugar makers and refiners	60	—	60
Other food preparers	222	—	222
Iron and Steel and Their Products	2,640	194	2,834
Agricultural implements	4	—	4
Automobile factories	274	1	275
Car and railroad shops	11	—	11
Foundries and metal working, tools, forging	909	136	1,045
Ship and boat building	67	46	113
Wagons and carriages	5	—	5
Other iron and steel workers	1,370	11	1,381
Leather and Its Finished Products	2,406	8	2,414
Leather belt, leather case, pocketbook makers	67	1	68
Shoes	1,320	—	1,320
Tanneries	1,009	7	1,016
Trunk makers	10	—	10
Liquors and Beverages	206	—	206
Breweries	100	—	100
Distilleries	15	—	15
Other liquor and beverage workers	91	—	91
Lumber and Its Re-manufacture	872	4	876
Box makers (wood)	123	—	123
Furniture	302	3	305
Pianos and organs	20	—	20
Saw and planing mills	98	1	99
Wood heels	28	—	28
Other wood workers	301	—	301
Metals and Metal Products Other than Iron and Steel	409	2	411
Brass mills	33	—	33
Clock factories	10	—	10
Copper factories	43	—	43
Gold and silver factories	54	—	54
Jewelry factories	61	1	62
Lead and zinc factories	40	—	40
Tin-plate factories	33	—	33
Watch factories	31	—	31
Copper and brass factories	50	—	50
Other metal workers	54	1	55

TABLE I.—*Total Tabulatable Injuries, by Industries and Cases Insured and not Insured, July 1, 1933 to June 30, 1934—Continued*

INDUSTRIES	Insured	Not Insured	Total
Paper	1,097	3	1,100
Box makers (paper)	186	—	186
Makers of blank books, envelopes, tags and labels, paper bags	107	3	110
Paper and pulp mills	481	—	481
Pulp mills	10	—	10
Other paper goods	313	—	313
Printing and Bookbinding	520	15	535
Printing and publishing establishments	520	15	535
Textiles	3,510	73	3,583
Carpet mills	88	2	90
Cotton mills	1,173	65	1,238
Dyeing and finishing textiles	301	—	301
Hemp and jute mills	31	—	31
Knitting mills	151	—	151
Lace and embroidery makers	1	—	1
Linen mills	26	—	26
Print works	128	1	129
Rope and cordage factories, twine	26	—	26
Sail, awning and tent makers	8	—	8
Silk mills	124	1	125
Woolen mills, worsted mills	1,127	2	1,129
Not specified textile workers	326	2	328
Miscellaneous Industries	2,516	15	2,531
Broom and brush makers	22	3	25
Button makers	6	—	6
Charcoal and coke burners	4	—	4
Cigars and tobacco	9	—	9
Electric light and power companies	241	—	241
Electrical supplies	375	4	379
Gas works	219	1	220
Oil works	227	—	227
Rubber factories	638	1	639
Straw workers	9	—	9
Turpentine distillers	1	—	1
Gas and electric companies	97	—	97
Other miscellaneous industries and occupations	668	6	674
Water Transportation	238	21	259
Water transportation	238	21	259
Transportation, Road, etc.	3,916	354	4,270
Construction and maintenance of roads, streets, etc.	2,187	20	2,207
Livery stables and garages	433	1	434
Truck, transfer, cab and hack companies	953	19	972
Street railways	343	40	383
Steam railroads	—	274	274
Express Companies	118	131	249
Express companies	118	131	249
Telephone and Telegraph	1	146	147
Telephone and telegraph	1	146	147
Aeroplane Transportation	5	—	5
Aeroplane transportation	5	—	5
Other Persons in Transportation	201	—	201
Other persons in transportation	201	—	201
Trade	6,939	260	7,199
Banking and brokerage	120	—	120
Insurance	140	11	151
Real estate	352	4	356
Automobile	427	3	430
Clothing	398	—	398
Gasoline filling stations	223	—	223
Food	2,476	215	2,691
Furniture	187	—	187
All other wholesale and retail trade	2,375	26	2,401
Elevators	20	—	20
Stockyards	1	—	1
Warehouses and cold-storage plants	150	—	150
Other persons in trade	64	1	65
Clerical assistants, industry, business or profession not specified	6	—	6
Professional Service	734	47	781
Professional service	734	47	781
Domestic and Personal Service	2,329	18	2,347
Occupations not in industries	1,994	16	2,010
Laundry and laundry work	335	2	337
Grand Total	33,870	1,347	35,217

TABLE II.—*Insurance Transactions Under the Act, filed by Insurance Companies on Injuries Reported for the Year, July 1, 1933 to June 30, 1934*

Number of employees who lost no time from work, but required medical services	57,422	
Payments made		\$485,067 25
Outstanding payments		33,096 93
		<hr/> \$518,164 18
Number of employees who were not disabled more than seven days, but required medical services	10,020	
Payments made		\$126,323 83
Outstanding payments		8,082 24
		<hr/> \$134,406 07
Number of employees receiving compensation only	2,667	
Payments made		\$163,887 03
Outstanding payments		37,654 52
		<hr/> \$201,541 55
Number of employees receiving both medical services and compensation	20,253	
Medical payments made		\$1,121,631 63
Medical payments outstanding		383,078 62
		<hr/> \$1,504,710 25
Compensation payments made		\$1,797,579 01
Compensation payments outstanding		1,308,191 31
		<hr/> \$3,105,770 32
Number of cases requiring neither payment of compensation nor medical	24,922	
Total dependency fatalities	154	
Compensation payments made		\$64,598 65
Outstanding compensation payments		568,677 36
		<hr/> \$633,276 01
Partial dependency fatalities	22	
Compensation payments made		\$7,904 00
Outstanding compensation payments		32,852 50
		<hr/> \$40,756 50
No dependency fatalities	9	
Payments made		\$1,044 00
Payments outstanding		1,273 00
		<hr/> \$2,317 00
<hr/>		
Number of fatal cases reported to insurers		185
Number of non-fatal cases reported to insurers		115,284
		<hr/> 115,469
Total number reported to insurers		
Total medical paid		\$1,748,540 14
Total medical outstanding		427,410 79
		<hr/> \$2,175,950 93
Total fatal compensation paid		\$73,546 65
Total fatal compensation outstanding		602,802 86
		<hr/> \$676,349 51
Total non-fatal compensation paid		\$1,961,466 04
Total non-fatal compensation outstanding		1,345,845 83
		<hr/> \$3,307,311 87
Total payments made		\$3,783,552 83
Total payments outstanding		2,376,059 48
		<hr/> \$6,159,612 31

TABLE III.—Frequency of Injuries, by Industry and Extent of Disability, July 1, 1933, to June 30, 1934

INDUSTRIES	NUMBER OF TABULATABLE INJURIES													
	Total Deaths	Per- manent Disa- bilities	Per- manent Partial Disa- bilities	TEMPORARY DISABILITIES										
				1 to 3 Days	4 to 7 Days	1 to 2 Weeks	2 to 3 Weeks	3 to 4 Weeks	4 to 8 Weeks	8 to 13 Weeks	13 to 26 Weeks	26 to 52 Weeks	Over 1 Year	Total
Agriculture, Forestry and Animal Husbandry.														
Agriculture	436	3	8	53	78	44	62	38	83	36	20	8	3	425
Forestry	230	2	4	23	50	24	39	26	48	20	12	5	3	230
Animal Husbandry	75	—	3	19	9	6	11	5	13	5	3	1	—	72
Ice Harvesting	41	—	—	7	9	10	2	—	7	3	2	1	—	41
Ice Harvesting	64	1	1	4	10	4	10	7	15	8	3	1	—	62
Extraction of Minerals.														
Quarrying	65	2	3	7	12	8	4	7	15	3	2	1	1	60
Quarrying	65	2	3	7	12	8	4	7	15	3	2	1	1	60
Building Trades.														
Carpenters	2,067	15	30	247	327	214	256	204	423	176	81	65	29	2,022
Electricians	350	6	7	32	61	39	35	33	80	25	16	13	3	337
Masons	106	—	2	18	23	10	12	6	22	10	2	1	2	106
Plumbers	159	2	2	19	18	19	21	17	28	15	7	8	3	155
Painters	205	1	2	35	34	25	24	29	26	12	10	5	2	202
Painters	96	—	3	7	10	11	10	5	22	10	6	2	—	93
All other.	1,151	6	16	136	181	110	154	114	245	104	36	32	17	1,129
Chemical and Allied Products.														
Fertilizers	366	4	7	49	74	46	39	35	60	31	10	8	1	353
Fertilizers	27	—	1	4	4	2	4	5	6	—	—	1	—	26
Paints, varnish and japanning	36	1	1	6	8	2	2	2	7	3	1	1	—	34
Powder, cartridges, fireworks, etc., makers	22	—	1	8	2	3	1	4	1	—	—	—	—	21
Soap makers	57	—	1	8	12	10	5	5	8	5	1	1	—	55
Other chemical workers	224	3	4	23	48	27	27	19	38	21	8	5	1	217
Clay, Glass and Stone Products.														
Brickmakers	196	5	7	21	32	25	18	22	36	14	8	3	5	184
Potteries	33	—	1	4	6	2	4	5	7	2	—	2	—	32
Tile makers	8	—	—	1	2	1	1	1	1	—	1	—	—	8
Glass makers and workers	3	—	—	1	—	—	—	—	—	—	—	—	—	3
Lime, cement and gypsum	33	1	2	5	3	8	4	4	3	2	1	—	—	30
Marble and stone cutters	42	—	2	4	8	5	5	6	4	4	2	1	1	40
Mica and Isinglass	68	4	2	6	12	7	3	5	18	4	3	—	—	62
Mica and Isinglass	9	—	2	—	1	1	1	1	2	2	1	—	—	9
Clothing														
Clothing makers	369	2	6	52	77	44	57	33	52	27	10	6	3	361
Corset makers	283	2	4	36	55	33	47	26	48	21	6	4	1	277
Hat makers, wool or felt	7	—	1	2	2	2	1	5	2	—	—	—	—	7
Shirt, collar and cuff makers	48	—	1	8	12	7	3	2	2	4	3	2	1	47
Shirt, collar and cuff makers	31	—	1	6	8	2	6	2	2	2	1	—	—	30

Food and Kindred Products.

Bakeries	1,770	6	—	32	300	374	227	207	158	279	120	44	20	3	1,732
Butter and cheese makers	472	1	—	10	62	81	53	62	48	88	44	12	9	2	461
Candy and confectionery	45	2	—	5	7	8	19	3	4	7	33	5	—	—	44
Fish curers and packers	234	1	—	—	34	40	23	16	21	45	3	10	2	—	227
Flour and grain mills	109	—	—	—	27	23	12	13	13	10	5	2	—	—	108
Flour and vegetable canners	5	—	—	—	4	1	—	2	—	—	—	1	—	—	5
Fruit and vegetable canners	16	—	—	—	4	1	—	2	3	3	—	—	—	—	15
Slaughter and packing houses	607	1	—	8	110	172	99	68	45	74	19	9	2	—	598
Sugar makers and refiners	60	—	—	2	12	15	9	3	3	9	4	—	2	1	58
Other food preparers	222	1	—	5	44	33	26	28	21	42	12	5	5	—	216

Iron and Steel and Their Products.

Agricultural implements	2,834	14	1	134	331	559	350	338	237	512	206	87	42	23	2,685
Automobile factories	4	—	—	—	—	—	—	—	—	—	—	1	2	—	4
Car and railroad shops	275	—	—	10	38	53	23	38	29	54	14	7	8	1	265
Foundries and metal working, tools	11	—	—	—	—	1	—	—	2	4	2	—	—	—	11
Ship and boat building	1,045	5	1	45	115	232	141	130	87	184	66	22	11	6	994
Wagons and carriages	113	1	—	3	14	17	20	14	9	22	9	2	2	—	109
Other iron and steel workers	5	—	—	—	—	1	—	—	1	—	—	—	—	—	5
Other iron and steel workers	1,381	8	—	76	164	255	164	153	109	247	115	55	19	16	1,297

Leather and Its Finished Products.

Leather belt, leather case and pocket-book makers	2,414	5	—	65	289	500	329	320	212	436	150	62	38	8	2,344
Shoes	68	—	—	1	9	13	18	5	5	10	5	2	—	—	67
Tanneries	1,320	3	—	41	167	254	165	180	119	243	82	36	25	5	1,276
Trunk makers	1,016	2	—	23	113	231	145	132	88	180	63	23	13	3	991
Trunk makers	10	—	—	—	—	2	1	3	—	3	—	1	—	—	10

Liquors and Beverages.

Breweries	206	1	—	3	21	40	23	31	21	36	16	11	2	1	202
Distilleries	100	1	—	—	11	20	7	13	6	24	10	5	2	—	98
Other liquor and beverage workers	15	—	—	—	2	4	1	1	2	1	2	1	—	1	15
Other liquor and beverage workers	91	—	—	2	8	16	15	17	13	11	4	5	—	—	89

Lumber and Its Re-manufacture.

Box makers (wood)	876	5	1	65	85	147	107	114	92	169	56	27	7	1	805
Furniture	123	1	—	9	14	27	17	16	11	21	6	1	—	—	113
Pianos and organs	305	—	—	21	28	54	36	38	29	55	26	13	4	—	283
Saw and planing mills	20	—	—	3	1	2	5	1	—	4	—	3	1	—	17
Wood heels	99	1	—	5	11	11	8	15	16	25	5	2	—	—	93
Other wood workers	28	—	—	1	3	2	5	4	2	8	1	1	—	1	27
Other wood workers	301	3	—	26	28	51	36	40	34	56	18	7	2	—	272

Metals and Metal Products Other than Iron and Steel.

Brass mills	411	3	—	22	53	88	40	48	39	61	28	17	9	3	386
Clock factories	33	1	—	—	2	4	9	5	1	8	2	1	—	—	32
Copper factories	10	—	—	1	3	4	—	—	—	2	—	—	—	—	9
Gold and silver factories	43	—	—	2	5	9	2	4	7	7	4	1	1	1	41
Jewelry factories	54	—	—	5	5	8	6	7	5	12	3	3	—	—	49
Lead and zinc factories	62	2	—	3	11	17	9	5	4	6	3	2	2	—	57
Tin plate factories	40	—	—	—	11	10	4	5	2	3	1	1	1	1	40
Watch factories	33	—	—	3	3	6	1	4	6	3	3	1	—	—	30
Copper and brass factories	31	—	—	3	3	9	2	5	1	5	1	—	2	1	28
Other metal workers	50	—	—	1	2	10	4	8	7	9	8	5	2	—	49
Other metal workers	55	—	—	4	8	11	3	8	6	9	1	3	2	—	51

TABLE III.—*Frequency of Injuries, by Industry and Extent of Disability, etc.—Concluded*

INDUSTRIES	NUMBER OF TABULATABLE INJURIES													
	Total Deaths	Per- manent Total Disa- bilities	Per- manent Partial Disa- bilities	TEMPORARY DISABILITIES										
				1 to 3 Days	4 to 7 Days	1 to 2 Weeks	2 to 3 Weeks	3 to 4 Weeks	4 to 8 Weeks	8 to 13 Weeks	13 to 26 Weeks	26 to 52 Weeks	Over 1 Year	Total
Paper.														
Box makers (paper)	1,100	8	—	107	209	141	157	108	199	88	35	11	3	1,058
Makers of blank books, envelopes, tags and labels, bags	187	2	4	21	32	20	20	19	45	14	8	2	—	181
Paper and pulp mills	109	—	—	12	17	10	18	9	23	7	4	1	—	101
Pulp mills	481	5	16	49	107	64	64	46	72	35	15	5	3	460
Other paper goods	10	—	—	—	—	2	—	3	4	1	—	—	—	10
	313	1	6	25	53	45	55	31	55	31	8	3	—	306
Printing and Bookbinding.														
Printing and publishing establishments	535	3	—	85	111	51	56	48	102	42	16	3	1	515
	535	3	—	85	111	51	56	48	102	42	16	3	1	515
Textiles.														
Carpet mills	3,583	13	1	384	719	417	455	305	627	325	128	55	28	3,443
Cotton mills	90	—	5	9	13	13	13	5	18	8	5	—	—	85
Dyeing and finishing textiles	1,238	8	1	99	253	137	167	110	220	135	43	20	9	1,193
Hemp and jute mills	301	2	12	39	59	44	40	26	45	19	11	3	1	287
Knitting mills	31	—	—	3	14	2	4	1	3	1	—	—	—	29
Lace and embroidery makers	151	—	1	31	28	25	20	9	22	10	1	4	—	150
Linen mills	1	—	—	—	—	—	—	—	—	—	—	—	—	1
Print works	26	—	—	2	5	2	6	3	5	1	1	—	—	25
Rope and cordage factories, twine	129	1	—	12	29	9	14	13	20	16	6	3	—	122
Sail, awning and tent makers	28	—	—	2	1	1	4	5	2	6	2	—	—	25
Silk mills	125	—	—	22	22	11	12	9	18	16	—	—	—	7
Woolen and worsted mills	1,129	2	—	124	218	135	135	98	221	93	33	4	2	119
Not specified textile workers	328	—	—	39	73	37	40	26	50	20	22	7	4	318
Miscellaneous Industries														
Broom and brush makers	2,531	24	1	327	522	328	293	204	436	181	74	29	14	2,408
Button makers	25	1	—	3	7	1	4	2	2	2	1	—	—	22
Charcoal and coke burners	6	—	—	—	2	2	1	—	1	—	—	—	—	6
Cigars	4	—	—	—	1	—	—	—	—	—	—	—	—	2
Electric light and power companies	9	—	—	1	1	—	—	—	1	—	—	—	—	9
Electrical supplies	241	5	—	43	53	37	23	19	28	17	6	4	1	231
Gas works	379	3	—	46	79	51	41	33	62	36	10	4	1	362
Oil works	220	3	—	30	54	46	18	19	32	9	1	5	1	215
Rubber factories	227	1	—	28	47	35	29	13	43	16	9	1	—	221
Straw workers	639	1	—	59	130	82	83	53	112	52	25	8	6	610
Gas and electric companies	9	—	—	1	2	1	2	1	16	—	—	—	—	8
Turpentine distillers	97	4	—	20	21	7	12	8	1	4	—	—	1	93
Other miscellaneous industries and occupations	674	4	1	96	125	66	76	53	139	44	18	6	5	628

Water Transportation.	259	1	-	3	22	30	43	36	23	62	18	12	9	-	255
Water transportation	259	1	-	3	22	30	43	36	23	62	18	12	9	-	255
Transportation, Road, Etc.	4,270	62	1	70	574	778	481	500	334	776	369	198	95	32	4,137
Road, street, bridge, construction of	2,207	31	1	41	255	372	203	238	163	445	214	136	67	21	2,134
Livery stables and garages.	434	-	-	6	70	74	75	62	29	62	33	15	5	3	428
Truck, transfer, hack and cab companies	972	14	-	12	146	186	96	115	95	179	79	26	18	6	946
Street railways.	383	5	-	5	47	57	56	42	25	63	31	16	3	2	373
Steam railroads.	274	12	-	6	56	59	51	23	22	26	12	5	2	-	256
Express Companies.	249	1	-	-	35	62	43	36	17	31	16	6	2	-	248
Express companies	249	1	-	-	35	62	43	36	17	31	16	6	2	-	248
Telephone and Telegraph.	147	-	-	-	18	35	30	16	13	18	12	4	-	1	147
Telephone and telegraph	147	-	-	-	18	35	30	16	13	18	12	4	-	1	147
Air Transportation.	5	-	-	-	-	1	-	-	-	1	2	1	-	-	5
Air transportation	5	-	-	-	-	1	-	-	-	1	2	1	-	-	5
Other Persons in Transportation.	201	2	-	5	18	28	17	23	20	47	16	11	12	2	194
Other persons in transportation.	201	2	-	5	18	28	17	23	20	47	16	11	12	2	194
Trade.	7,199	37	2	78	1,073	1,397	918	960	666	1,198	508	211	111	40	7,082
Banking and brokerage	120	1	-	2	19	22	18	16	3	23	10	4	2	-	117
Insurance	151	4	-	2	34	35	17	11	15	15	13	4	1	-	145
Real estate	356	7	-	4	49	52	38	42	26	72	32	16	13	5	345
Automobiles	430	-	-	4	70	94	64	56	52	52	26	5	6	1	426
Clothing	398	1	-	2	61	85	55	57	36	55	23	11	7	5	395
Gasoline filling stations	223	2	-	3	24	43	37	29	21	49	10	1	3	1	218
Food	2,691	7	-	27	414	559	343	395	264	397	185	64	29	7	2,657
Furniture	187	1	1	2	30	31	29	22	11	33	19	6	2	-	183
All other wholesale and retail trade	2,401	14	1	31	341	430	292	298	212	462	168	90	46	16	2,355
Elevators.	20	-	-	-	2	3	2	3	2	8	-	-	-	-	20
Warehouses and cold storage plants	1	-	-	-	-	-	-	1	-	-	-	-	-	-	1
Other persons in trade	150	-	-	-	18	34	17	18	17	22	14	6	2	2	150
Clerical assistants, industry, business or profession not specified	65	-	-	1	9	8	6	11	7	10	7	4	-	2	64
Professional Service.	6	-	-	-	2	1	-	1	-	-	1	-	-	1	6
Professional service	781	4	-	7	146	164	129	67	65	115	39	26	16	3	770
Domestic and Personal Service.	2,347	11	-	33	359	417	322	343	192	366	163	87	39	15	2,303
Occupations not in industries	2,010	10	-	25	310	368	282	299	165	292	138	74	34	13	1,975
Laundry and laundry work	337	1	-	8	49	49	40	44	27	74	25	13	5	2	328
Grand Total	35,217	231	9	853	4,656	6,781	4,377	4,436	3,093	6,140	2,642	1,188	591	220	34,134

TABLE IV.—Severity of Injuries, by Industry and Extent of Disability, July 1, 1933, to June 30, 1934

INDUSTRIES	NUMBER OF DAYS LOST													TEMPORARY DISABILITIES				Total
	Total	Deaths	Per- manent Total Disa- bilities															
				1 to 3 Days	4 to 7 Days	1 to 2 Weeks	2 to 3 Weeks	3 to 4 Weeks	4 to 8 Weeks	8 to 13 Weeks	13 to 26 Weeks	26 to 52 Weeks	Over 1 Year	Total				
Agriculture, Forestry and Animal Husbandry	43,047	18,000	—	135	449	485	1,144	956	3,215	2,497	2,478	2,158	1,330	1,330	14,847			
Agriculture	26,262	12,000	—	59	286	258	725	652	1,880	1,418	1,448	1,406	1,330	1,330	9,462			
Forestry	7,113	—	—	48	55	77	207	123	488	359	356	300	—	—	2,013			
Animal husbandry	7,166	6,000	—	17	50	104	37	—	250	192	266	250	—	—	1,166			
Ice harvesting	2,506	—	—	11	58	46	175	181	597	528	408	202	—	—	2,206			
Extraction of Minerals	17,704	12,000	—	18	61	89	73	183	613	202	282	183	400	400	2,104			
Quarrying	17,704	12,000	—	18	61	89	73	183	613	202	282	183	400	400	2,104			
Building Trades	209,398	90,000	—	619	1,867	2,550	4,715	5,561	16,696	12,641	10,357	16,922	12,670	12,670	84,598			
Carpenters	59,003	36,000	—	80	345	474	639	833	3,220	1,813	2,068	3,256	1,275	1,275	14,003			
Electricians	3,731	—	—	45	136	119	227	155	805	733	296	240	975	975	3,731			
Masons	20,886	12,000	—	47	98	233	376	429	1,073	1,095	821	1,989	1,225	1,225	7,386			
Plumbers	14,977	6,000	—	89	193	284	435	737	964	824	1,453	1,148	750	750	6,877			
Painters	7,241	—	—	17	60	134	192	127	935	679	1,243	1,604	1,050	1,050	6,041			
All other	103,560	36,000	—	341	1,035	1,306	2,846	3,280	9,699	7,497	4,476	8,685	7,395	7,395	46,560			
Chemical and Allied Products	49,877	24,000	12,000	116	415	524	712	906	2,288	2,092	1,137	2,287	400	400	10,877			
Fertilizers	1,156	—	—	11	24	26	64	133	248	—	—	350	—	—	856			
Paints, varnish, japanning	7,412	6,000	—	12	46	46	36	55	298	217	102	300	—	—	1,112			
Powder, cartridges, fireworks, etc., makers	6,361	—	6,000	18	12	29	19	109	47	127	—	—	—	—	361			
Soap makers	7,716	—	6,000	20	68	111	95	127	294	326	100	275	—	—	1,416			
Other chemical workers	27,232	18,000	—	55	265	312	498	482	1,401	1,422	935	1,362	400	400	7,132			
Clay, Glass and Stone Products	40,458	30,000	—	49	182	278	327	552	1,402	1,015	1,007	808	2,138	2,138	7,758			
Brickmakers	1,566	—	—	9	39	25	72	127	296	130	—	568	—	—	1,266			
Potteries	278	—	—	3	13	11	18	26	33	—	174	—	—	—	278			
Tile makers	70	—	—	3	13	11	—	—	56	—	—	—	—	—	70			
Glass makers and workers	7,235	6,000	—	13	18	81	74	101	111	130	107	—	—	—	635			
Lime, cement and gypsum	2,332	—	—	8	40	53	91	149	175	320	224	240	432	432	1,732			
Marble and stone cutters	28,589	24,000	—	13	65	84	53	125	666	302	375	—	1,706	1,706	3,339			
Mica and isinglass	388	—	—	—	7	13	19	24	65	133	127	—	—	—	388			
Clothing	27,913	12,000	—	131	446	522	1,153	825	2,096	2,007	1,376	1,407	1,450	1,450	11,413			
Clothing makers	24,106	12,000	—	93	325	390	971	648	1,938	1,601	833	957	450	450	8,206			
Corset makers	58	—	—	5	9	26	18	—	—	—	—	—	—	—	58			
Hat makers, wool or felt	2,339	—	—	20	64	86	52	126	64	273	404	450	500	500	2,039			
Shirt, collar and cuff makers	1,410	—	—	13	48	20	112	51	94	133	139	—	—	—	1,110			

Food and Kindred Products		103,253	36,000	—	22,800	757	2,098	2,587	3,778	3,972	10,925	8,481	5,686	4,894	1,275	44,453
Bakeries.		24,775	6,000	—	4,200	156	455	605	1,132	1,213	3,423	3,144	1,555	2,017	875	14,575
Butter and cheese makers		1,607	—	—	300	18	56	71	52	96	271	198	545	—	—	7,528
Candy and confectionery.		21,928	12,000	—	2,400	91	226	228	426	535	1,732	2,259	1,431	600	—	1,893
Fish curers and packers.		7,893	6,000	—	—	63	136	133	307	320	350	331	253	—	—	259
Flour and grain mills		259	—	—	—	—	5	—	41	—	53	—	160	—	—	279
Fruit and vegetable canners		579	6,000	—	300	12	4	23	38	73	129	—	—	—	—	279
Slaughter and packing houses		24,054	—	—	7,500	277	951	1,135	1,202	1,130	2,022	1,398	1,139	400	—	10,554
Sugar makers and refiners		4,337	6,000	—	2,400	30	83	97	54	67	334	237	384	595	400	1,937
Other food preparers		17,821	—	—	5,700	110	182	295	526	538	1,701	884	603	1,282	—	6,121
Iron and Steel and Their Products		274,953	84,000	6,000	98,100	828	3,103	4,060	6,139	5,974	19,745	14,567	11,312	10,894	10,231	86,853
Agricultural implements		659	—	—	—	—	—	10	—	—	—	—	124	525	—	659
Automobile factories		17,282	—	—	7,800	95	201	265	701	726	2,011	1,044	949	1,950	450	8,482
Car and railroad shops		393	—	—	—	—	4	—	38	52	147	152	—	—	—	393
Foundries and metal working, tools		94,269	30,000	6,000	30,600	288	1,275	1,651	2,362	2,184	6,980	4,887	2,846	2,660	2,736	27,669
Ship and boat building		12,766	6,000	—	3,600	35	103	229	255	226	864	608	297	549	—	3,166
Wagons and carriages		87	—	—	—	—	6	9	18	24	30	—	—	—	—	87
Other iron and steel workers		150,497	48,000	—	56,100	410	1,424	1,896	2,765	2,762	9,713	8,076	7,096	5,210	7,045	46,397
Leather and Its Finished Products		142,078	30,000	—	44,250	723	2,794	3,861	5,778	5,379	17,153	10,725	7,429	10,511	3,475	67,828
Leather belt, leather case and pocket-book makers		1,800	—	—	300	24	71	207	86	126	402	389	195	—	—	1,500
Shoes		82,208	18,000	—	25,500	400	1,427	1,918	3,292	3,004	9,509	5,818	4,340	6,921	2,100	38,708
Tanneries		57,704	12,000	—	18,450	290	1,283	1,723	2,379	2,249	7,114	4,518	2,733	3,390	1,375	27,234
Trunk makers.		366	—	—	—	—	13	13	51	—	128	—	161	—	—	366
Liquors and Beverages		15,749	6,000	—	2,850	49	218	248	590	541	1,489	1,152	1,612	550	450	6,899
Breweries		9,878	6,000	—	300	24	105	68	242	160	969	722	738	550	—	3,578
Distilleries		850	—	—	—	5	20	8	19	45	43	127	133	—	450	850
Other liquor and beverage workers		5,021	—	—	2,550	20	93	172	329	336	477	303	741	—	—	2,471
Lumber and Its Re-manufacture		101,395	30,000	6,000	42,650	222	822	1,257	2,075	2,338	6,558	3,921	3,177	1,975	400	22,745
Box makers (wood).		13,471	6,000	—	5,100	39	147	204	297	274	863	436	111	—	—	2,371
Furniture		29,770	—	6,000	15,050	73	298	424	682	759	2,037	1,834	1,538	1,075	—	8,720
Pianos and organs		2,127	—	—	1,200	2	10	59	20	—	164	—	372	300	—	927
Saw and planing mills		11,575	6,000	—	3,150	31	10	92	278	396	980	341	238	—	—	2,425
Wood heels		1,672	—	—	600	7	11	56	72	50	319	63	94	—	400	1,072
Other wood workers		42,780	18,000	—	17,550	70	296	422	726	859	2,186	1,247	824	600	—	7,230
Metal and Metal Products Other than Iron and Steel		43,918	18,000	—	12,900	137	497	458	886	961	2,299	2,064	2,167	2,374	1,175	13,018
Brass mills		6,802	6,000	—	—	5	23	106	86	26	325	128	103	—	—	802
Clock factories		394	—	—	300	9	21	—	64	—	64	—	—	—	—	94
Copper factories		2,731	—	—	1,050	14	54	25	78	169	276	272	93	325	375	1,681
Gold and silver factories		7,137	—	—	5,700	11	45	67	132	122	426	251	383	—	—	1,437
Jewelry factories		14,414	12,000	—	900	29	94	94	90	98	208	70	308	523	—	1,514
Lead and zinc factories		1,048	—	—	—	28	59	51	88	47	98	247	180	250	—	1,048
Tin plate factories		3,125	—	—	1,650	7	33	13	76	151	75	338	132	250	400	1,475
Watch factories		2,069	—	—	1,200	9	51	25	33	23	188	62	619	421	—	869
Copper and brass factories		2,918	—	—	600	5	57	50	97	174	290	626	619	400	—	2,318
Other metal workers		3,280	—	—	1,500	20	60	27	149	151	349	70	349	605	—	1,780

TABLE IV.—Severity of Injuries, by Industry and Extent of Disability, etc.—Concluded

INDUSTRIES	NUMBER OF DAYS LOST										TEMPORARY DISABILITIES				
	Total	Deaths	Per- manent Disa- bilities	Days				Weeks				Weeks			
				1 to 3	4 to 7	1 to 2	2 to 3	3 to 4	4 to 8	8 to 13	13 to 26	26 to 52	Over 1 Year	Total	
Paper															
Box makers (paper).	107,271	48,000	—	269	1,140	1,630	2,842	2,747	7,900	6,166	4,069	2,583	1,425	30,771	
Makers of blank books, envelopes, tags and labels, bags.	18,719	12,000	—	55	176	230	388	486	1,695	969	1,004	536	—	5,519	
Paper and pulp mills.	6,880	—	—	29	100	117	313	230	942	501	504	244	—	2,980	
Pulp mills.	64,538	30,000	—	124	569	725	1,144	1,172	2,872	2,467	1,627	1,113	1,425	13,238	
Other paper goods.	16,794	6,000	—	61	295	—	1,017	785	2,225	2,151	934	690	—	8,694	
Printing and Bookbinding															
Printing and publishing establishments	47,105	18,000	—	210	588	602	1,040	1,219	4,129	3,064	1,924	729	450	13,955	
	47,105	18,000	—	210	588	602	1,040	1,219	4,129	3,064	1,924	729	450	13,955	
Textiles															
Carpet mills.	299,898	78,000	6,000	969	4,049	4,899	8,411	7,989	24,784	23,413	15,780	14,410	12,004	116,698	
Cotton mills.	7,579	—	—	21	70	147	286	127	568	599	—	—	400	2,929	
Dyeing and finishing textiles.	121,502	48,000	6,000	256	1,447	1,619	3,057	3,002	8,637	9,780	5,444	5,035	3,375	42,152	
Hemp and jute mills.	34,576	12,000	—	97	337	512	752	668	1,758	1,414	1,320	693	475	8,026	
Knitting mills.	2,271	—	—	6	81	23	72	26	122	71	—	220	—	621	
Lace and embroidery makers.	4,417	—	—	76	153	284	367	231	857	717	157	975	—	3,817	
Linen mills.	7	—	—	4	27	23	103	72	188	70	145	—	—	7	
Print works.	941	—	—	27	163	106	264	336	832	1,162	651	975	—	4,516	
Rope and cordage factories, twine.	2,926	6,000	—	5	21	13	70	124	106	405	202	—	—	926	
Sail, awning and tent makers.	427	—	—	—	7	9	—	—	86	—	—	—	—	127	
Silk mills.	12,838	—	—	53	127	119	221	227	711	1,106	512	977	775	4,888	
Woolen and worsted mills.	76,510	12,000	—	318	1,201	1,588	2,443	2,519	8,818	6,624	4,176	3,648	4,525	35,860	
Not specified textile workers.	21,788	—	—	101	408	446	826	657	1,908	1,427	2,574	1,887	1,954	12,188	
Miscellaneous Industries															
Broom and brush makers.	303,249	144,000	6,000	828	2,918	3,742	5,264	5,123	17,502	12,830	9,349	7,460	6,333	71,349	
Button makers.	7,157	6,000	—	8	40	9	72	50	32	130	150	—	—	567	
Charcoal and coke burners.	87	—	—	—	14	22	19	—	32	—	—	—	—	87	
Cigars.	12,032	12,000	—	3	7	—	80	28	35	63	—	—	—	32	
Electric light and power companies.	47,345	30,000	—	112	298	407	402	480	1,129	1,179	716	922	450	6,095	
Electrical supplies.	35,910	18,000	—	111	439	569	735	841	2,637	2,605	1,323	1,000	—	10,260	
Gas works.	26,479	18,000	—	82	291	562	320	472	1,215	641	1,041	1,337	475	5,479	
Oil works.	15,128	6,000	—	66	264	411	526	324	1,752	1,126	1,034	325	—	5,828	
Rubber factories.	53,838	6,000	—	150	751	959	1,485	1,319	4,631	3,723	3,112	2,100	2,758	20,988	
Straw workers.	685	—	—	2	11	10	37	25	—	—	—	300	—	385	
Turpentine distillers.	24	—	—	—	—	—	—	24	—	—	—	—	—	24	
Gas and electric companies.	26,612	34,000	—	48	109	70	213	206	627	297	592	—	450	2,612	
Other miscellaneous industries and occupations.	77,740	24,000	6,000	246	690	743	1,375	1,330	5,346	3,066	2,318	1,476	2,200	18,790	

Water Transportation	16,840	6,000	—	1,500	54	179	536	686	574	2,453	1,298	1,473	2,087	—	9,340
Water transportation	16,840	6,000	—	1,500	54	179	536	686	574	2,453	1,298	1,473	2,087	—	9,340
Transportation, Road, etc.	605,703	372,000	6,000	78,750	1,450	4,377	5,519	9,165	8,460	30,555	26,493	24,612	24,447	13,875	148,953
Road, street, bridge, construction of.	321,389	186,000	6,000	38,550	655	2,128	2,367	4,747	4,179	17,746	15,448	16,951	17,493	9,125	90,839
Livery stables and garages	16,049	—	—	3,600	175	412	836	1,116	728	2,431	2,282	1,803	1,291	1,375	12,449
Truck, transfer, hack and cab companies	126,306	84,000	—	12,600	365	1,023	1,080	2,094	2,386	6,936	5,700	3,253	4,394	2,475	29,706
Street railways	47,041	30,000	—	6,000	117	466	624	759	627	2,460	2,236	2,058	794	900	11,041
Steam railroads	94,918	72,000	—	18,000	138	348	612	449	540	982	827	547	475	—	4,918
Express Companies	11,578	6,000	—	—	94	337	486	666	439	1,177	1,119	760	500	—	5,578
Express companies	11,578	6,000	—	—	94	337	486	666	439	1,177	1,119	760	500	—	5,578
Telephone and Telegraph	3,633	—	—	—	49	199	339	289	336	665	940	441	—	375	3,633
Telephone and telegraph.	3,633	—	—	—	49	199	339	289	336	665	940	441	—	375	3,633
Air Transportation	325	—	—	—	—	7	—	—	—	29	150	139	—	—	325
Air transportation	325	—	—	—	—	7	—	—	—	29	150	139	—	—	325
Other Persons in Transportation	25,489	12,000	—	3,600	46	159	194	435	483	1,904	1,219	1,495	3,054	900	9,889
Other persons in transportation	25,489	12,000	—	3,600	46	159	194	435	483	1,904	1,219	1,495	3,054	900	9,889
Trade	522,744	222,000	12,000	77,400	2,688	7,819	10,645	17,365	16,768	47,517	36,163	26,442	29,012	16,925	211,344
Banking and brokerage	11,803	6,000	—	2,550	49	129	200	289	78	935	645	453	475	—	3,253
Insurance	29,428	24,000	—	2,100	87	184	196	199	378	599	928	507	250	—	3,328
Real estate	62,021	42,000	—	5,100	116	301	454	773	660	2,799	2,275	1,986	3,532	2,025	14,921
Automobiles	12,865	—	—	2,700	177	523	745	997	1,313	2,078	1,808	1,659	1,465	400	10,165
Clothing	10,517	6,000	—	1,050	154	464	622	1,046	917	1,596	1,596	1,323	2,023	2,125	12,467
Gasoline filling stations	22,974	12,000	—	5,400	55	234	407	523	521	1,937	755	101	641	400	5,574
Food	133,097	42,000	—	22,200	1,045	3,099	3,952	7,131	6,658	15,474	13,264	7,786	7,514	2,976	68,897
Furniture	19,653	6,000	—	2,400	78	187	344	389	279	1,334	1,369	735	538	—	3,253
All other wholesale and retail trade	202,148	84,000	6,000	33,600	844	2,440	3,431	5,408	5,302	18,558	11,958	11,633	12,049	6,925	78,548
Elevators	435	—	—	—	6	16	22	50	52	289	—	—	—	—	435
Stock yards	20	—	—	—	—	—	20	20	—	—	—	—	—	—	20
Warehouses and cold storage plants	5,237	—	—	—	46	189	200	321	431	913	1,025	762	525	825	5,237
Other persons in trade	3,052	—	—	300	26	46	72	202	179	404	476	497	—	850	2,752
Clerical assistants, industry, business or profession not specified	494	—	—	—	6	7	—	17	—	—	64	—	—	400	494
Professional Service	50,656	24,000	—	4,800	362	911	1,436	1,205	1,642	4,617	2,767	3,392	4,149	1,375	21,856
Professional service.	50,656	24,000	—	4,800	362	911	1,436	1,205	1,642	4,617	2,767	3,392	4,149	1,375	21,856
Domestic and Personal Service	172,704	66,000	—	34,050	892	2,407	3,713	6,220	4,880	14,903	11,557	11,038	10,480	6,564	72,654
Occupations not in industries	148,978	60,000	—	27,300	776	2,128	3,254	5,428	4,189	11,943	9,867	9,209	9,245	5,639	61,678
Laundry and laundry work	23,726	6,000	—	6,750	116	279	459	792	691	2,960	1,690	1,829	1,235	925	10,976
Grand Total	3,236,938	1,386,000	54,000	707,200	11,695	38,042	50,650	80,958	78,808	242,614	188,543	148,934	153,874	95,620	1,089,738

TABLE V.—Sex and Age of Injured in Total Tabulatable Injuries, July 1, 1933, to June 30, 1934

ACTUAL AGE	TOTAL MALES				TOTAL FEMALES			
	Total Cases	Total	Deaths	Per- manent Disa- bilities	Per- manent Total Disa- bilities	Deaths	Per- manent Total Disa- bilities	Tem- porary Total Disa- bilities
Under								
10	2	2	—	—	—	—	—	—
11	2	2	—	—	—	—	—	—
12	1	1	—	—	—	—	—	—
13	3	3	—	—	—	—	—	—
14	6	6	—	—	—	—	—	—
15	10	10	1	—	—	—	—	—
16	23	19	1	—	2	—	—	4
17	163	128	1	—	—	—	—	35
18	360	267	1	3	—	—	—	93
19	733	554	1	19	—	—	—	534
20	859	663	1	16	—	—	—	179
21	1,011	818	2	18	—	—	—	646
22	1,242	1,044	2	20	—	—	—	193
23	1,144	965	2	13	—	—	—	798
24	1,196	1,044	6	17	—	—	—	198
25	1,051	925	1	13	—	—	—	179
26	1,361	1,199	4	20	—	—	—	152
27	1,029	911	4	15	—	—	—	126
28	1,012	909	3	16	—	—	—	911
29	1,063	952	6	20	—	—	—	1,175
30	907	823	3	16	—	—	—	118
31	1,281	1,164	7	20	—	—	—	892
32	763	708	4	19	—	—	—	926
33	909	858	5	27	—	—	—	800
34	857	793	4	15	—	—	—	84
35	746	697	5	14	—	—	—	117
36	1,187	1,049	5	13	—	—	—	55
37	716	651	3	20	—	—	—	689
38	742	677	6	13	—	—	—	438
39	904	882	2	28	—	—	—	451
40	766	695	3	13	—	—	—	64
41	1,278	1,140	11	31	—	—	—	49
42	556	505	3	15	—	—	—	1,018
43	786	705	8	17	—	—	—	138
44	687	631	2	10	—	—	—	65
45	594	541	2	14	—	—	—	63
	1,037	918	7	27	—	—	—	65
					—	—	—	63
					—	—	—	69
					—	—	—	66
					—	—	—	138
					—	—	—	81
					—	—	—	81
					—	—	—	55
					—	—	—	52
					—	—	—	118

46	544	508	3	12	493	36	1	35
47	550	501	4	17	480	49	1	47
48	619	569	9	13	547	50	1	49
49	504	463	5	16	442	41	1	40
50	816	731	6	24	701	85	1	84
51	355	335	6	10	319	20	1	19
52	477	449	8	14	427	28	1	27
53	381	359	6	8	345	22	1	22
54	357	337	5	14	317	20	1	16
55	502	468	5	8	455	34	1	33
56	300	278	3	14	261	22	1	20
57	233	233	7	11	214	16	1	16
58	298	280	4	5	271	18	1	17
59	257	246	3	11	232	11	1	11
60	404	366	6	17	343	38	1	37
61	151	143	3	9	131	8	1	8
62	233	227	3	9	163	6	1	5
63	184	175	4	8	215	9	1	9
64	129	122	1	2	118	7	1	7
65	222	215	5	10	199	7	1	7
66	96	94	1	3	90	2	1	2
67	96	95	5	9	81	1	1	1
68	91	91	3	5	83	1	1	1
69	68	68	2	6	59	2	1	2
70	79	77	2	5	69	2	1	1
71	47	45	4	2	39	2	1	1
72	35	32	1	2	27	1	1	1
73	29	29	1	2	17	1	1	1
74	20	19	1	1	15	1	1	1
75	17	16	1	1	12	1	1	1
76	12	12	1	1	7	1	1	1
77	13	13	1	1	3	1	1	1
78	8	8	1	1	5	1	1	1
79	3	3	1	1	9	1	1	1
80	5	5	1	1	1	1	1	1
Over 80.	11	10	1	1	1	1	1	1
Grand Total.	35,217	31,106	227	9	776	30,094	4	4,030

TABLE VI.—Total Tabulatable Injuries, by Industries and Wage Groups, July 1, 1933, to June 30, 1934

INDUSTRIES	NUMBER OF TABULATABLE INJURIES														
	Under \$10	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$17	\$18	\$19	\$20	\$21	\$22	
Agriculture, Forestry and Animal Husbandry															
Agriculture	35	12	4	42	15	11	35	19	8	53	16	32	29	24	
Forestry	28	8	2	35	12	7	27	10	5	37	8	11	13	7	
Animal husbandry	2	2	1	4	2	2	3	2	—	6	4	8	6	2	
Ice harvesting	2	1	—	3	—	1	2	—	3	1	3	5	1	5	
	3	1	—	—	1	1	3	7	—	9	1	8	9	10	
Extraction of Minerals															
Quarrying	3	—	—	1	—	2	9	7	2	7	5	10	3	1	
	3	—	—	1	—	2	9	7	2	7	5	10	3	1	
Building Trades															
Carpenters	44	23	19	44	59	51	140	108	36	136	81	149	55	88	
Electricians	4	2	2	4	6	2	18	12	8	15	5	24	7	17	
Masons	2	1	—	5	—	1	2	1	1	5	3	6	—	2	
Plumbers	6	1	3	3	1	2	8	8	2	6	2	15	4	7	
Painters	1	3	2	3	3	3	8	8	2	4	5	14	2	12	
All other	2	—	12	1	—	3	3	—	1	2	1	9	2	6	
	29	15	—	28	49	40	101	79	22	104	65	81	42	43	
Chemical and Allied Products															
Fertilizers	3	7	4	15	12	34	24	30	19	51	15	30	5	15	
Paints, varnish and japanning	—	—	—	—	1	12	1	3	—	3	2	—	—	1	
Powder, cartridges, fireworks, etc., makers	—	1	—	1	2	1	3	1	—	4	—	7	1	3	
Soap makers	1	1	1	1	1	1	1	7	—	2	2	—	—	1	
Other chemical workers	1	5	3	11	5	14	14	16	15	33	10	20	4	9	
Clay, Glass and Stone Products															
Brickmakers	10	4	4	7	4	9	17	25	3	17	6	15	7	6	
Potteries	6	2	1	1	1	1	2	1	1	3	3	5	2	1	
Tile makers	—	—	1	—	—	—	1	1	2	1	—	1	—	—	
Glass makers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Lime, cement and gypsum	2	1	2	2	1	2	2	3	1	2	1	1	—	2	
Marble and stone cutters	1	—	—	3	—	4	3	8	1	6	—	3	3	3	
Mica and isinglass	1	—	—	1	2	2	8	13	—	4	2	2	2	—	
	1	—	—	—	—	—	1	—	—	1	—	—	—	—	
Clothing															
Clothing makers	47	19	10	36	43	25	38	13	11	14	6	26	5	4	
Corset makers	40	12	8	26	31	24	30	10	8	7	5	16	2	1	
Hat makers, wool or felt	—	—	1	1	—	1	—	1	—	1	—	2	—	—	
Shirt, collar and cuff makers	5	4	—	4	4	—	3	2	2	4	1	8	3	1	
	5	4	—	5	8	—	5	—	1	2	—	—	—	—	
Food and Kindred Products															
Bakeries, bread and other bakery products	43	39	26	49	98	98	115	85	137	172	63	158	69	96	
Butter and cheese makers	11	11	6	13	19	23	32	20	21	52	7	33	13	23	
Candy and confectionery	—	—	—	—	—	—	7	—	1	1	2	—	2	3	
	11	15	7	9	55	25	20	5	11	14	6	18	4	5	

Fish curers and packers.	.	.	.	.	.	8	5	4	6	6	7	6	9	2	17	-	10	-	2
Flour and grain mills.	.	.	.	.	.	-	-	-	4	-	3	1	1	-	1	1	1	1	-
Fruit and vegetable canners.	.	.	.	.	.	5	3	4	5	3	29	31	41	91	61	31	76	33	37
Slaughter and packing houses.	.	.	.	.	.	4	3	3	2	-	2	3	3	4	5	8	10	3	1
Sugar makers and refiners.	.	.	.	.	.	4	4	2	9	15	7	15	6	7	20	9	10	13	25
Other food preparers.	.	.	.	.	.	4	4	2	9	15	7	15	6	7	20	9	10	13	25
Iron and Steel and Their Products						114	50	50	134	90	163	152	268	123	208	117	245	104	150
Agricultural implements.	.	.	.	.	.	-	-	-	5	2	5	5	5	3	9	3	44	3	27
Automobile factories.	.	.	.	.	.	6	1	-	2	-	5	1	1	3	1	-	-	-	-
Car and railroad shops.	.	.	.	.	.	-	-	1	2	-	1	-	-	1	-	-	-	-	-
Foundries and metal working, tools.	.	.	.	.	.	54	20	23	46	29	66	57	103	53	90	49	91	38	42
Ship and boat building.	.	.	.	.	.	1	3	1	2	3	2	5	9	3	8	8	7	6	8
Wagons and carriages.	.	.	.	.	.	53	26	25	79	56	89	85	150	64	100	54	102	56	73
Other iron and steel workers.	.	.	.	.	.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Leather and Its Finished Products						141	78	59	148	74	158	184	127	104	181	101	198	111	143
Leather belt, leather case, pocket-book makers.	.	.	.	.	.	6	1	1	5	6	6	8	6	3	4	1	8	1	2
Shoes.	.	.	.	.	.	117	67	39	120	54	108	123	76	54	85	33	93	27	51
Tanneries.	.	.	.	.	.	17	10	19	22	12	43	51	45	47	92	67	97	82	89
Trunk makers.	.	.	.	.	.	1	-	-	1	2	1	2	-	-	-	-	-	1	1
Liquor and Beverages						6	1	1	6	1	4	11	4	3	10	5	10	4	8
Breweries.	.	.	.	.	.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Distilleries.	.	.	.	.	.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other liquor and beverage workers.	.	.	.	.	.	6	-	1	6	-	4	10	2	3	8	4	4	3	3
Lumber and Its Re-manufacture						53	42	33	111	58	56	76	77	36	73	21	33	11	18
Box makers (wood)	.	.	.	.	.	6	16	11	23	11	5	12	16	9	7	3	5	1	2
Furniture.	.	.	.	.	.	14	16	11	27	28	20	25	25	9	31	6	14	5	7
Pianos and organs.	.	.	.	.	.	2	5	2	10	5	1	1	2	2	1	1	1	1	1
Saw and planing mills.	.	.	.	.	.	5	5	2	10	5	7	13	6	4	14	1	1	1	3
Wood heels.	.	.	.	.	.	5	2	1	2	2	2	1	2	-	-	1	1	-	-
Other wood workers.	.	.	.	.	.	21	11	18	48	12	21	24	26	12	20	9	12	3	5
Metal and Metal Products Other than Iron and Steel						15	17	14	19	31	26	21	45	23	23	17	28	12	13
Brass mills.	.	.	.	.	.	1	1	-	-	1	-	2	9	2	1	2	1	3	-
Clock factories.	.	.	.	.	.	1	1	1	1	2	4	1	1	1	-	-	-	-	-
Copper factories.	.	.	.	.	.	1	1	1	1	-	-	2	3	6	2	2	5	3	5
Gold and silver factories.	.	.	.	.	.	1	5	1	5	14	6	5	4	2	3	4	4	-	-
Jewelry factories.	.	.	.	.	.	2	1	1	1	1	2	4	4	1	7	2	2	1	1
Lead and zinc factories.	.	.	.	.	.	2	1	1	3	3	3	1	2	3	2	1	3	1	1
Tin plate factories.	.	.	.	.	.	5	2	1	4	3	3	3	2	3	2	1	1	1	2
Watch factories.	.	.	.	.	.	5	1	1	-	4	4	3	9	6	4	3	7	1	-
Copper and brass.	.	.	.	.	.	3	4	3	4	6	1	1	6	3	2	3	4	1	1
Other metal workers.	.	.	.	.	.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paper						54	36	31	73	75	80	71	109	63	64	43	72	40	33
Box makers (paper)	.	.	.	.	.	17	10	6	8	24	17	9	25	9	3	5	12	5	3
Makers of blank books, envelopes, tags, labels, paper bags.	.	.	.	.	.	3	2	2	10	7	8	8	4	6	3	4	8	8	4
Paper and pulp mills.	.	.	.	.	.	23	19	17	35	28	33	42	36	32	31	16	26	18	9
Pulp mills.	.	.	.	.	.	-	1	3	2	1	1	-	1	1	-	-	-	-	-
Other paper goods.	.	.	.	.	.	11	4	3	18	15	21	12	43	15	23	18	26	9	17

TABLE VI.—Total Tabulatable Injuries, by Industries and Wage Groups, etc.—Continued

INDUSTRIES	NUMBER OF TABULATABLE INJURIES													
	Under \$10	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$17	\$18	\$19	\$20	\$21	\$22
Printing and Bookbinding														
Printing and publishing establishments	51	12	4	22	7	24	25	17	9	16	12	24	12	15
	51	12	4	22	7	24	25	17	9	16	12	24	12	15
Textiles														
Carpet mills	232	151	168	234	424	434	363	306	191	199	111	130	97	69
Cotton mills	5	5	1	6	9	17	5	9	3	5	3	5	2	4
Dyeing and finishing textiles	113	60	72	74	219	123	138	84	55	54	31	33	36	24
Hemp and jute mills	10	10	10	29	14	51	29	32	15	19	8	17	14	6
Knitting mills	1	2	6	10	2	2	10	8	3	3	3	1	—	—
Lace and embroidery makers	21	9	6	7	18	19	10	8	5	4	3	5	2	—
Linen mills	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Print works	—	—	—	—	11	1	1	—	5	2	3	—	—	1
Rope and cordage factories, twine	4	2	1	1	4	29	26	22	6	6	2	5	2	1
Salt, awning and tent makers	—	—	—	2	4	2	3	—	3	—	1	—	2	—
Silk mills	12	4	5	9	18	12	12	3	5	6	9	5	2	6
Woolen mills, worsted mills	53	48	53	82	85	137	101	114	64	81	41	44	27	22
Not specified textile workers	13	10	13	14	42	40	38	34	27	19	10	13	10	4
Miscellaneous Industries														
Broom and brush makers	82	45	59	115	106	158	139	132	88	188	105	167	115	124
Button makers	1	2	1	—	2	7	1	1	1	1	—	—	1	1
Charcoal and coke burners	2	1	2	—	—	—	1	—	—	—	—	—	—	—
Cigars and cigarettes	1	—	—	—	—	2	1	1	—	1	—	—	—	—
Electric light and power companies	2	—	2	1	5	2	3	13	4	12	7	9	9	16
Electrical supplies, machinery, apparatus	8	9	17	37	20	24	25	13	9	32	18	26	16	19
Gas works	—	—	—	1	1	1	1	4	3	6	14	8	15	12
Gas works	—	—	—	1	—	4	3	3	3	26	6	17	15	21
Oil works	—	1	—	—	—	—	48	59	35	58	30	55	34	32
Rubber factories	27	20	23	26	36	58	2	1	—	—	—	—	1	—
Straw factories	—	—	1	1	—	3	2	2	—	3	2	5	1	3
Gas and electric companies	—	—	—	1	—	3	2	—	—	—	—	—	—	—
Turpentine distillers	—	—	—	—	—	—	52	43	33	48	28	46	23	20
Other miscellaneous industries	41	12	14	47	42	57	—	—	—	—	—	—	—	—
Water Transportation														
Water transportation	16	2	—	8	3	1	13	8	5	11	3	11	16	78
	16	2	—	8	3	1	13	8	5	11	3	11	16	78
Road, Street and Bridge Transportation														
Construction of roads, streets, etc.	117	104	27	106	82	77	201	166	65	301	173	227	157	134
Livery stables and garages	74	87	20	87	74	42	126	121	35	130	131	77	101	48
Truck transfer, cab and hack companies	5	5	5	3	3	13	39	9	12	44	8	48	15	25
Street railways	32	10	—	12	5	14	31	21	10	115	18	84	33	50
Steam railroads	2	—	1	—	—	5	2	5	3	3	8	6	4	10
	4	2	1	4	—	3	3	10	5	9	8	12	4	1

Express companies	4	2	2	-	-	1	7	2	-	5	8	8	2	2
Express Companies	4	2	2	-	-	1	7	2	-	5	8	8	2	2
Telephone and Telegraph	37	6	1	3	2	2	4	7	1	12	7	5	2	2
Telephone and Telegraph	37	6	1	3	2	2	4	7	1	12	7	5	2	2
Air transportation.	2	-	-	-	-	-	1	-	-	-	1	-	-	-
Air Transportation	2	-	-	-	-	-	1	-	-	-	1	-	-	-
Other persons in Transportation	1	2	-	3	-	4	8	6	9	16	2	4	2	4
Other persons in Transportation	1	2	-	3	-	4	8	6	9	16	2	4	2	4
Trade	286	104	74	161	148	331	626	284	200	585	158	523	211	328
Banking and brokerage.	4	1	2	1	-	2	11	2	2	4	1	14	2	5
Insurance	-	1	2	-	-	-	11	3	2	7	2	6	2	6
Real estate	16	7	11	15	10	5	20	18	14	28	16	17	12	20
Automobiles	8	9	-	6	3	16	37	16	10	31	6	37	5	30
Clothing	12	11	3	11	26	44	59	32	25	36	12	23	9	8
Gasoline filling stations.	2	1	1	1	1	8	17	8	9	33	15	19	13	12
Food	144	31	27	42	57	134	253	81	59	177	37	177	67	97
Furniture	3	3	1	2	5	12	27	13	3	24	4	16	2	8
All other wholesale and retail trade.	94	36	24	78	43	105	176	101	70	212	56	183	89	128
Elevators	-	-	-	-	-	1	1	-	-	-	-	2	1	-
Stockyards	-	-	-	3	2	2	3	8	4	25	7	20	8	10
Warehouses and cold storage plants	3	4	2	2	1	2	11	2	2	7	1	8	1	-
Other persons in trade	-	-	1	2	1	-	-	-	-	-	-	-	-	-
Clerical assistants, industry, business or profession not specified	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Professional Service	63	29	9	25	21	39	61	30	32	59	34	43	24	33
Professional service	63	29	9	25	21	39	61	30	32	59	34	43	24	33
Domestic and Personal Service	174	104	59	157	91	113	189	105	96	191	79	141	74	88
Occupations not in industries	151	91	49	120	58	95	155	91	89	173	77	124	70	83
Laundry and laundry work	23	13	10	37	33	18	34	14	7	18	2	17	4	5
Grand Total	1,633	889	658	1,519	1,444	1,901	2,530	1,980	1,264	2,592	1,189	2,289	1,167	1,476

TABLE VI.—Total Tabulatable Injuries, by Industries and Wage Groups, etc.—Continued

INDUSTRIES	NUMBER OF TABULATABLE INJURIES														\$35 and over	Total
	\$23	\$24	\$25	\$26	\$27	\$28	\$29	\$30	\$31	\$32	\$33	\$34				
Agriculture, Forestry and Animal Husbandry																
Agriculture	7	18	22	4	10	4	4	11	8	1	3	3	6	436		
Forestry	5	9	8	3	5	2	2	6	2	—	1	1	3	256		
Animal husbandry	1	6	7	1	2	—	4	3	3	—	1	2	2	75		
Ice harvesting	—	—	3	—	1	2	1	1	3	—	—	—	1	41		
Quarrying	—	5	1	—	2	—	—	—	—	1	1	—	—	64		
Extraction of Minerals																
Quarrying	—	5	1	—	1	2	—	2	—	1	—	—	3	65		
Building Trades																
Carpenters	34	109	112	32	58	82	7	139	10	29	24	13	385	2,067		
Electricians	4	26	19	11	13	11	2	43	4	3	3	7	77	350		
Masons	3	4	8	2	5	8	1	15	1	2	2	1	39	106		
Plumbers	5	10	7	2	7	—	—	10	1	6	—	—	36	159		
Painters	2	5	17	3	7	4	—	17	1	5	7	—	76	205		
All other	4	8	2	5	3	2	—	17	1	1	1	—	22	96		
	16	56	59	9	29	57	4	46	3	12	11	4	135	1,151		
Chemical and Allied Products																
Fertilizers	15	10	15	9	5	7	—	8	4	1	1	2	25	366		
Paints, varnish and japanning	1	—	—	—	—	—	—	1	—	—	—	—	2	27		
Powder, cartridges, fireworks, etc., makers	1	1	3	—	—	—	—	2	—	—	—	—	5	36		
Soap makers	3	—	3	2	—	1	—	—	1	—	1	—	2	22		
Other chemical workers	6	6	9	7	5	6	—	4	3	1	—	1	16	224		
Clay, Glass and Stone Products																
Brickmakers	3	4	15	4	3	2	1	5	1	4	—	1	19	196		
Potteries	—	1	—	—	1	—	—	1	—	—	—	—	1	33		
Tile makers	—	—	1	—	—	—	—	—	—	—	—	—	—	8		
Glass makers	—	—	4	1	1	1	—	—	1	1	—	—	—	3		
Lime, cement and gypsum	1	1	3	1	1	—	—	1	—	—	—	—	9	33		
Marble and stone cutters	1	2	6	2	1	1	1	3	—	2	—	1	7	68		
Mica and isinglass	1	—	—	—	—	—	—	—	—	—	—	—	—	9		
Clothing																
Clothing makers	4	5	9	—	5	7	3	10	—	1	4	—	24	369		
Corset makers	3	4	9	—	3	7	2	7	—	—	4	—	24	283		
Hat makers, wool or felt	—	—	—	—	—	—	—	—	—	—	—	—	—	7		
Shirt, collar and cuff makers	1	1	—	—	2	—	1	3	—	1	—	—	—	48		
	—	—	—	—	—	—	—	—	—	—	—	—	—	31		
Food and Kindred Products																
Bakeries, bread and other bakery products	51	62	83	27	56	46	21	40	10	9	9	5	103	1,770		
Butter and cheese makers	13	16	26	9	22	19	8	24	3	3	6	2	37	472		
Candy and confectionery	3	3	4	1	4	2	3	2	1	1	—	—	3	45		
	2	2	5	1	1	3	3	1	2	1	—	—	8	234		

[illegible]

TABLE VI.—Total Tabulatable Injuries, by Industries and Wage Groups, etc.—Concluded

INDUSTRIES	NUMBER OF TABULATABLE INJURIES														Total
	\$23	\$24	\$25	\$26	\$27	\$28	\$29	\$30	\$31	\$32	\$33	\$34	\$35 and over		
Printing and Bookbinding															
Printing and publishing establishments	11	12	14	8	11	7	2	21	11	18	18	6	146	535	
	11	12	14	8	11	7	2	21	11	18	18	6	146	535	
Textiles															
Carpet mills.	83	63	74	48	35	16	9	31	14	12	9	5	75	3,583	
Cotton mills.	1	2	1	1	2	1	—	1	—	—	—	—	2	90	
Dyeing and finishing textiles	37	15	18	17	5	2	3	7	1	2	—	—	15	1,238	
Hemp and jute mills	7	1	3	—	4	—	1	5	3	—	3	—	10	301	
Knitting mills	—	—	—	—	2	—	—	—	—	—	—	—	—	31	
Lace and embroidery makers	1	1	8	3	1	—	—	4	1	1	—	—	14	151	
Linon mills	1	—	—	—	1	—	—	—	—	—	—	—	—	1	
Print works	3	1	7	2	2	—	—	—	1	1	—	—	—	26	
Rope and cordage factories, twine	—	1	1	—	—	—	—	—	—	—	—	1	4	129	
Sail, awning and tent makers.	—	1	1	1	1	—	—	1	—	—	—	—	—	8	
Silk mills	4	3	2	3	1	1	—	—	1	1	7	—	1	125	
Woolen mills, worsted mills	22	30	23	17	13	10	4	9	7	7	6	4	25	1,129	
Not specified textile workers	7	7	11	3	3	2	1	4	—	—	—	—	3	328	
Miscellaneous Industries															
Broom and brush makers	68	116	127	71	80	71	36	82	28	35	26	14	154	2,531	
Button makers	1	—	2	—	2	1	—	—	—	—	—	—	1	25	
Charcoal and coke burners	1	—	1	—	1	—	—	—	—	—	—	—	—	6	
Cigars and cigarettes	—	—	—	—	—	—	—	—	—	—	—	—	—	4	
Electric light and power companies	6	11	15	14	12	9	3	12	5	15	6	5	51	241	
Electrical supplies, machinery, apparatus.	9	11	17	7	6	14	6	9	4	4	2	3	14	379	
Gas works	2	25	27	17	14	20	9	24	5	6	12	5	9	220	
Oil works	16	15	27	8	13	7	4	8	5	4	1	—	19	227	
Rubber factories	16	18	22	13	7	6	2	8	1	—	2	—	3	639	
Straw factories	—	—	1	—	—	—	—	—	—	—	—	—	—	9	
Gas and electric companies	3	5	5	1	7	3	7	7	4	6	2	1	24	97	
Turpentine distillers	—	—	—	—	—	—	—	—	—	—	—	—	—	1	
Other miscellaneous industries	14	31	30	11	18	11	5	14	4	—	1	—	29	674	
Water Transportation															
Water transportation	4	8	14	6	4	6	—	10	4	2	2	1	23	259	
	4	8	14	6	4	6	—	10	4	2	2	1	23	259	
Road, Street and Bridge Transportation															
Construction of roads, streets, etc.	75	305	258	131	230	172	80	346	107	84	53	34	458	4,270	
Livery stables and garages	28	191	91	80	128	117	32	155	43	27	27	9	126	2,207	
Truck, transfer, cab and hack companies.	14	14	45	6	14	9	6	46	1	5	3	2	40	434	
Street railways	20	70	89	14	68	23	19	88	31	16	7	3	84	972	
Steam railroads	5	17	19	13	13	20	11	34	25	28	13	17	119	383	
	8	13	14	18	7	3	12	23	7	8	3	3	89	274	

Express Companies		1	10	18	12	23	21	34	31	11	22	6	3	14	249
Express companies		1	10	18	12	23	21	34	31	11	22	6	3	14	249
Telephone and Telegraph		5	13	1	5	1	3	2	3	1	1	2	2	19	147
Telephone and Telegraph		5	13	1	5	1	3	2	3	1	1	2	2	19	147
Air Transportation		-	-	-	-	-	-	-	-	-	1	1	-	-	5
Air transportation.		-	-	-	-	-	-	-	-	-	1	1	-	-	5
Other Persons in Transportation		7	20	17	11	21	10	12	24	7	3	2	-	6	201
Other persons in transportation		7	20	17	11	21	10	12	24	7	3	2	-	6	201
Trade		193	281	597	135	271	177	95	347	58	82	46	92	806	7,199
Banking and brokerage.		4	7	10	3	3	3	2	11	2	1	1	1	21	120
Insurance		2	6	6	1	1	4	1	3	5	4	2	4	70	151
Real estate		8	17	39	5	15	11	-	19	5	4	3	-	25	356
Automobiles.		13	12	45	14	15	8	2	38	5	13	2	1	48	430
Clothing		3	6	17	3	5	3	-	13	2	2	1	-	32	398
Gasoline filling stations.		14	6	22	6	7	4	2	6	-	3	-	1	12	223
Food		75	71	223	42	116	75	21	143	28	35	22	77	380	2,691
Furniture		3	9	14	-	5	2	3	8	2	1	-	1	16	187
All other wholesale and retail trade.		65	138	201	55	99	63	61	101	11	19	13	6	174	2,401
Elevators		-	-	1	1	-	1	-	-	-	-	-	-	10	20
Stockyards		-	-	-	-	-	-	-	-	-	-	-	-	-	1
Warehouses and cold storage plants		5	7	14	3	5	2	2	2	2	-	1	1	8	150
Other persons in trade		-	2	4	2	-	1	1	3	-	-	-	-	8	65
Clerical assistants, industry, business or profession not specified		1	-	1	-	-	-	-	-	-	-	-	-	2	6
Professional Service		14	25	40	13	21	19	10	30	11	14	11	3	68	781
Professional service		14	25	40	13	21	19	10	30	11	14	11	3	68	781
Domestic and Personal Service		56	69	124	38	62	32	14	102	19	15	13	7	135	2,347
Domestic and Personal Service		56	69	124	38	62	32	14	102	19	15	13	7	135	2,347
Occupations not in industries.		44	61	99	36	54	30	12	86	18	14	11	5	114	2,010
Laundry and laundry work		12	8	25	2	8	2	2	16	1	1	2	2	21	337
Grand Total		820	1,378	1,972	716	1,045	815	367	1,451	356	427	269	215	2,855	35,217
Grand Total		820	1,378	1,972	716	1,045	815	367	1,451	356	427	269	215	2,855	35,217

TABLE VII.—*Location of Injuries, by Nature of Injury, Total Tabulatable Injuries, July 1, 1933, to June 30, 1934*

LOCATION OF INJURY	NATURE OF INJURY										Occupational	Total
	Bruises, Contusions and Abrasions	Burns and Scalds	Concussions	Cuts, Punctures and Lacerations	Dislocations	Fractures	Sprains and Strains	All Other	Amputations and Loss of Use	Shocks (Electrical)		
Head	215	191	71	591	—	76	2	725	51	—	17	1,939
Brain	—	—	71	—	—	—	—	—	—	—	17	1,939
Eye	68	128	71	226	—	—	2	526	51	—	1	1,092
Both eyes	2	53	—	6	—	—	—	—	—	—	16	128
Internal ear	—	—	—	—	—	—	—	3	—	—	—	3
Both internal ears	—	—	—	—	—	—	—	—	—	—	—	2
External ear or ears	2	1	—	15	—	—	—	24	—	—	—	42
Skull	—	—	—	—	—	76	—	—	—	—	—	76
Scalp	25	—	—	226	—	—	—	6	—	—	—	257
Head, general	96	4	—	113	—	—	—	102	—	—	—	315
Head and shoulders	22	5	—	5	—	—	—	11	—	—	—	43
Face and Neck	142	250	—	384	—	66	67	114	—	—	75	1,098
Forehead	30	2	—	152	—	—	—	9	—	—	1	194
Eyelids	9	4	—	19	—	—	—	3	—	—	1	36
Nose	16	—	—	33	—	45	—	20	—	—	—	114
Cheek	7	1	—	25	—	—	—	2	—	—	—	35
Upper jaw	—	—	—	—	—	7	—	—	—	—	—	7
Lower jaw	—	—	—	—	—	14	—	—	—	—	—	14
Teeth	—	—	—	—	—	—	—	21	—	—	—	21
Lips and chin	16	—	—	52	—	—	—	5	—	—	—	73
Face, general	43	100	—	79	—	—	—	18	—	—	15	255
Neck	17	5	—	6	—	—	67	21	—	—	4	120
Throat	—	—	—	2	—	—	—	4	—	—	5	11
Face and hands or arms	4	138	—	16	—	—	—	11	—	—	49	218
Trunk	943	55	—	88	13	425	5,549	559	—	—	9	7,641
Spinal cord	—	—	—	—	—	—	—	—	—	—	—	—
Vertebrae	—	—	—	—	8	66	—	1	—	—	—	74
Back	361	14	—	15	—	—	3,694	272	—	—	2	4,358
Sternum	—	—	—	—	—	4	—	—	—	—	—	4
Ribs	—	—	—	—	1	312	—	—	—	—	—	313
Thorax	190	19	—	20	—	—	94	57	—	—	3	392
Abdomen	61	9	—	19	—	—	177	57	—	—	1	324
Groin	21	1	—	—	—	—	159	23	—	—	—	209
Sacrum or coccyx	—	—	—	—	1	6	—	—	—	—	—	7
Pelvis	—	—	—	—	35	—	—	—	—	—	—	35
Anus, perineum or rectum	—	—	—	2	—	—	—	7	—	—	—	9
External generative organs	36	1	—	2	—	—	15	32	—	—	—	86

Side or sides	251	10	-	-	-	15	-	-	-	346	104	-	-	-	1	727
Hernia	-	-	-	-	-	-	-	-	-	967	-	-	-	-	-	967
Sacro-iliac joint	-	-	-	-	-	-	-	-	-	102	-	-	-	-	-	102
Buttocks	14	1	-	-	-	10	-	-	-	97	6	-	-	-	2	33
	2,053	769	-	-	-	7,014	128	1,154	1,391	997	671	358	14,535	11	358	14,535
Upper Extremities																
Scapula	-	-	-	-	-	-	1	10	-	-	-	-	-	-	-	11
Clavicle	-	-	-	-	-	-	3	43	-	-	-	-	-	-	-	46
Shoulder joint	-	-	-	-	-	-	65	26	-	-	-	-	-	-	-	91
Shoulder	158	10	-	-	-	20	-	-	462	101	-	-	-	-	-	751
Both shoulders	3	3	-	-	-	1	-	1	4	2	-	-	-	-	-	14
Humerus	-	-	-	-	-	26	-	22	-	-	-	-	-	-	-	23
Upper arm	9	5	-	-	-	79	-	-	8	3	-	-	-	-	-	51
Elbow	176	12	-	-	-	-	-	-	33	77	-	-	-	-	-	378
Olecranon	-	-	-	-	-	-	12	51	-	-	-	-	-	-	-	63
Radius	-	-	-	-	-	-	1	16	-	-	-	-	-	-	-	81
Ulna	-	-	-	-	-	-	-	67	-	-	-	-	-	-	-	16
Radius and ulna	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	67
Forearm	45	61	-	-	-	186	-	-	38	28	-	-	-	-	-	369
Wrist	64	44	-	-	-	213	-	-	434	50	-	-	-	-	-	810
Both wrists	-	3	-	-	-	1	-	1	5	3	-	-	-	-	-	15
Carpus	-	-	-	-	-	-	10	232	-	-	-	-	-	-	-	242
Arm, general	132	135	-	-	-	192	-	-	177	84	-	-	-	-	-	747
Both arms, or one arm and one hand	15	51	-	-	-	7	-	-	7	11	-	-	-	-	-	163
Arm and leg	61	13	-	-	-	15	-	2	8	17	-	-	-	-	-	124
Hand, general	332	212	-	-	-	1,129	-	-	99	159	-	-	-	-	-	1,991
Both hands	7	68	-	-	-	31	-	-	1	35	-	-	-	-	-	313
Hand and foot	6	2	-	-	-	5	-	-	3	1	-	-	-	-	-	19
Palm	20	5	-	-	-	359	-	-	1	41	-	-	-	-	-	427
Back of hand	69	28	-	-	-	218	-	-	8	16	-	-	-	-	-	342
One metacarpal	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	88
Two or more metacarpals	-	-	-	-	-	-	-	87	-	-	-	-	-	-	-	13
Thumb	202	18	-	-	-	1,119	10	114	51	94	-	-	-	-	-	1,679
Index finger	185	13	-	-	-	1,224	5	107	10	58	-	-	-	-	-	1,781
Middle finger	179	10	-	-	-	792	6	72	12	65	-	-	-	-	-	1,261
Ring finger	94	7	-	-	-	371	2	72	8	29	-	-	-	-	-	688
Little finger	104	5	-	-	-	383	8	77	11	18	-	-	-	-	-	688
Thumb and one finger	9	9	-	-	-	53	-	1	2	6	-	-	-	-	-	95
Thumb and two or more fingers	7	5	-	-	-	26	-	5	1	4	-	-	-	-	-	52
Two fingers	92	13	-	-	-	290	1	33	2	31	-	-	-	-	-	538
Three fingers	30	14	-	-	-	93	-	6	1	8	-	-	-	-	-	183
Four fingers	10	16	-	-	-	20	-	4	1	6	-	-	-	-	-	63
One finger, not specified	38	1	-	-	-	152	2	12	3	26	-	-	-	-	-	236
Index finger on each hand	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	2
Two or more fingers on both hands	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	29
Both thumbs	4	1	-	-	-	1	-	-	1	1	-	-	-	-	-	7
One finger on each hand	1	2	-	-	-	4	-	-	-	8	-	-	-	-	-	15

TABLE VII.—*Location of Injury, by Nature of Injury, Total Tabulatable Injuries, etc.—Concluded*

LOCATION OF INJURY	NATURE OF INJURY										Occupational	Total
	Bruises, Contusions and Abrasions	Burns and Scalds	Concussions	Cuts, Punctures and Lacerations	Dislocations	Fractures	Sprains and Strains	All Other	Amputations and Loss of Use	Shocks (Electrical)		
Lower Extremities	2,768	269	—	1,485	35	1,236	2,279	939	39	—	16	9,066
Hip joint	—	—	—	—	2	19	—	—	—	—	—	21
Femur	—	—	—	—	—	25	—	—	—	—	—	25
Hip	107	3	—	5	—	—	83	28	—	—	—	226
Both hips	2	—	—	—	—	—	—	—	—	—	—	3
Upper leg	71	6	—	49	—	—	25	12	—	—	1	164
Patella	—	—	—	—	26	42	—	—	—	—	—	68
Knee	406	4	—	120	—	—	437	316	—	—	1	1,284
Metatarsals	—	—	—	—	2	189	—	—	—	—	—	191
Both knees	33	—	—	5	—	—	2	11	—	—	—	51
Tibia	—	—	—	—	—	45	—	—	—	—	—	45
Fibula	—	—	—	—	—	77	—	—	—	—	—	77
Tibia and fibula	—	—	—	—	—	112	—	—	—	—	—	112
Lower leg	236	18	—	163	—	—	25	41	7	—	—	490
Leg, general	309	37	—	169	—	—	193	131	8	—	—	849
Both legs or one leg and one foot	75	25	—	17	—	3	6	10	—	—	2	149
Ankle	194	14	—	70	—	—	1,238	80	—	—	4	1,596
Tarsus	—	—	—	—	3	135	—	—	—	—	—	138
Both ankles	3	6	—	—	—	1	20	2	—	—	—	33
Instep	79	6	—	25	—	—	18	15	—	—	—	143
Heel	45	4	—	33	—	—	13	15	—	—	—	110
Oscals	—	—	—	—	—	37	—	—	—	—	—	37
Both heels	3	—	—	1	2	—	—	2	—	—	—	8
Foot	569	125	—	662	—	—	191	114	4	—	—	1,067
Both feet	5	20	—	—	—	—	9	27	—	—	4	65
Great toe	422	1	—	109	1	372	15	73	3	—	—	996
Lesser toe	70	—	—	27	—	90	2	14	8	—	1	212
One toe, not specified	45	—	—	9	1	29	—	13	—	—	—	97
Great toe and lesser toe or toes	51	—	—	9	—	33	1	12	3	—	—	109
Two or more lesser toes	41	—	—	12	—	25	—	7	5	—	—	90
Two great toes and lesser toe or toes	2	—	—	—	—	—	—	—	1	—	—	10
Body	184	39	—	29	—	—	36	399	—	23	238	938
Body, general	184	39	—	29	—	—	36	348	—	23	100	759
Constitutional	—	—	—	—	—	—	—	51	—	—	123	179
Grand Total	6,305	1,573	71	9,591	176	2,957	9,324	3,733	761	23	703	35,217

TABLE VIII.—Location and Nature of Injury, by Extent of Disability, July 1, 1933, to June 30, 1934

LOCATION AND NATURE OF INJURY	Total Deaths	Per- manent Disa- bilities	Per- manent Partial Disa- bilities	NUMBER OF CASES													Total	
				TEMPORARY DISABILITIES														
				1 to 3 Days	4 to 7 Days	1 to 2 Weeks	2 to 3 Weeks	3 to 4 Weeks	4 to 8 Weeks	8 to 13 Weeks	13 to 26 Weeks	26 to 52 Weeks	Over 1 Year					
BRUISES, CONTUSIONS AND ABRASIONS				6,305	6	1	1,056	1,373	875	875	602	1,030	307	126	42	12	6,298	
Head	215	—	—	52	47	40	24	19	19	9	4	1	—	—	—	—	215	
Eye	68	—	—	15	16	19	11	5	1	—	—	—	—	—	—	—	68	
Both eyes	2	—	—	—	2	—	—	—	—	—	—	—	—	—	—	—	2	
External ear or ears	2	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	2	
Scalp	25	—	—	10	4	4	2	2	2	1	1	—	—	—	—	—	25	
Head, general	96	—	—	26	21	11	8	8	13	7	1	1	—	—	—	—	96	
Head and shoulders	22	—	—	1	4	5	3	4	3	—	2	—	—	—	—	—	22	
Face and Neck				142	—	—	36	31	28	16	8	16	6	—	1	—	—	142
Forehead	30	—	—	7	8	7	1	2	4	1	—	—	—	—	—	—	30	
Eyelids	9	—	—	5	—	3	1	—	—	—	—	—	—	—	—	—	9	
Nose	16	—	—	5	3	3	4	—	1	—	—	—	—	—	—	—	16	
Cheek	7	—	—	2	3	1	—	—	1	—	—	—	—	—	—	—	7	
Lips and chin	16	—	—	4	3	2	3	1	3	—	—	—	—	—	—	—	16	
Face, general	43	—	—	11	10	10	4	3	3	2	—	—	—	—	—	—	43	
Neck	17	—	—	2	4	1	3	2	3	1	—	1	—	—	—	—	17	
Face and hands or arms.	4	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	4	
Trunk				943	1	—	118	181	139	129	110	180	52	24	6	3	942	
Back	361	—	—	42	85	46	45	31	77	16	12	5	2	2	3	361		
Thorax	199	—	—	17	28	32	28	38	34	17	4	—	1	1	1	199		
Abdomen	61	—	—	5	15	11	8	5	13	2	1	—	—	—	—	60		
Groin	21	—	—	4	6	3	3	2	2	1	—	—	—	—	—	21		
External generative organs	36	—	—	3	6	8	4	3	6	4	1	1	—	—	—	36		
Side or sides.	251	—	—	47	39	37	38	29	45	11	5	—	—	—	—	251		
Buttocks	14	—	—	—	2	2	3	2	3	1	1	—	—	—	—	14		
Upper Extremities				2,053	2	—	367	432	251	281	208	363	86	44	15	4	2,051	
Shoulder	158	—	—	24	32	9	22	20	34	6	8	2	1	1	1	158	3	
Both shoulders	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	
Upper arm	9	—	—	3	1	—	2	1	1	—	—	—	—	—	—	—	9	
Elbow	176	—	—	24	30	25	26	18	36	9	4	4	1	1	1	176	45	
Forearm	45	—	—	10	10	5	10	3	5	2	1	—	—	—	—	—	45	
Wrist	64	—	—	10	17	8	11	4	9	6	2	1	—	—	—	64	132	
Arm, general	132	—	—	19	38	23	12	12	18	6	3	—	—	—	—	15	15	
Both arms or one arm and one hand	1	—	—	1	2	3	3	2	3	1	1	—	—	—	—	1	1	
Arm and leg.	61	—	—	12	11	8	9	5	11	1	1	3	—	—	—	61	332	
Hand, general	332	—	—	57	66	39	39	32	61	28	9	1	—	—	—	—	332	

TABLE VIII.—*Location and Nature of Injury, by Extent of Disability, etc.*—Continued

LOCATION AND NATURE OF INJURY	Total Deaths	Per- manent Disa- bilities	NUMBER OF CASES											Total
			TEMPORARY DISABILITIES											
			1 to 3 Days	4 to 7 Days	1 to 2 Weeks	2 to 3 Weeks	3 to 4 Weeks	4 to 8 Weeks	8 to 13 Weeks	13 to 26 Weeks	26 to 52 Weeks	Over 1 Year		
BRUISES, CONTUSIONS AND ABRASIONS—Con.														
Upper Extremities—Con.														
Both hands	7	—	2	2	1	—	1	1	—	—	—	—	—	7
Hand and foot	6	—	1	1	2	—	—	—	—	—	—	—	—	6
Palm	20	—	3	1	1	7	—	5	—	—	—	—	—	20
Back of hand	69	—	18	14	6	10	2	13	1	—	—	—	—	69
Thumb	202	—	45	46	23	30	5	34	10	—	—	—	—	202
Index finger	185	—	34	39	31	23	18	28	7	4	1	—	—	185
Middle finger	179	1	40	31	17	21	25	36	3	2	—	—	—	178
Ring finger	94	1	18	17	10	8	22	16	1	1	—	—	—	93
Little finger	104	—	12	26	18	16	12	16	3	—	—	—	—	104
Thumb and one finger	9	—	2	3	—	2	1	1	—	—	—	—	—	9
Thumb and two or more fingers	7	—	2	3	—	1	—	1	—	—	—	—	—	7
Two fingers	92	—	14	15	14	17	7	16	7	2	—	—	—	92
Three fingers	30	—	4	5	3	3	1	8	1	—	—	—	—	30
Four fingers	10	—	2	2	3	2	—	—	—	—	—	—	—	10
One finger, not specified	38	—	9	11	3	5	3	7	—	—	—	—	—	38
Two or more fingers on both hands	4	—	—	1	1	1	1	—	—	—	—	—	—	4
Both thumbs	1	—	—	—	—	—	—	—	—	—	—	—	—	1
One finger on each hand	1	—	—	1	—	—	—	—	—	—	—	—	—	1
Lower Extremities														
Hip	2,768	3	467	657	395	379	243	411	142	49	18	2,764	3	2,764
Both hips	107	—	17	24	13	12	13	16	7	4	—	107	—	107
Upper leg	2	—	—	—	—	—	—	—	1	—	—	2	—	2
Knee	71	—	14	18	9	8	3	14	2	1	1	71	—	71
Both knees	406	1	58	83	57	60	40	59	30	13	5	405	—	405
Lower leg	33	—	4	5	6	7	3	5	2	—	—	33	—	33
Leg, general	236	—	37	44	31	30	26	45	13	5	4	235	—	235
Both legs, or one leg and one foot	309	1	41	68	52	37	26	56	18	7	3	308	—	308
Ankle	75	—	8	16	13	11	9	9	7	2	—	75	—	75
Both ankles	194	—	41	54	25	18	14	19	16	5	2	194	—	194
Both heels	3	—	1	—	1	—	—	—	1	—	—	3	—	3
Foot	569	—	86	131	78	96	46	95	29	6	2	569	—	569
Both feet	5	—	—	3	—	1	—	1	—	—	—	5	—	5
Great toe	422	—	85	118	60	60	39	50	9	1	—	422	—	422
Lesser toe	70	—	21	18	10	11	2	6	1	1	—	70	—	70
One toe, not specified	45	—	15	12	4	5	2	7	—	—	—	45	—	45
Great toe and lesser toes	51	—	11	10	9	6	7	5	2	1	—	51	—	51

TABLE VIII.—Location and Nature of Injury, by Extent of Disability, etc.—Continued

LOCATION AND NATURE OF INJURY	Total Deaths	Per- manent Disa- bilities	Per- manent Partial Disa- bilities	NUMBER OF CASES										
				TEMPORARY DISABILITIES										
				1 to 3 Days	4 to 7 Days	1 to 2 Weeks	2 to 3 Weeks	3 to 4 Weeks	4 to 8 Weeks	8 to 13 Weeks	13 to 26 Weeks	26 to 52 Weeks	Over 1 Year	Total
BURNS AND SCALDS.—Con.														
Upper Extremities.—Con.														
Index finger.	13	—	—	1	3	3	1	1	4	—	—	—	—	13
Middle finger.	10	—	—	2	3	—	4	1	—	—	—	—	—	10
Ring finger.	7	—	—	—	1	1	2	—	1	—	—	—	—	7
Little finger.	5	1	—	—	2	1	1	—	—	—	—	1	—	4
Thumb and one finger.	9	—	—	2	2	1	—	—	—	—	—	—	—	9
Thumb and two or more fingers.	5	—	—	—	2	2	—	3	2	—	—	—	—	5
Two fingers.	13	—	—	1	3	4	1	—	—	—	—	—	—	13
Three fingers.	14	—	—	3	3	1	6	1	3	2	1	—	—	14
Four fingers.	16	—	—	3	2	—	—	—	—	—	—	—	—	16
One finger, not specified.	1	—	—	—	2	1	—	—	—	—	—	—	—	1
Two or more fingers on both hands.	3	—	—	—	—	—	—	—	—	—	—	—	—	3
Both thumbs.	1	—	—	—	—	—	—	—	—	—	—	—	—	1
One finger on each hand.	2	—	—	1	1	—	—	—	—	—	—	—	—	2
Lower Extremities														
Hip.	269	1	—	19	39	29	46	31	65	27	7	4	1	268
Upper leg.	3	—	—	—	1	—	1	—	2	—	—	—	—	3
Knee.	6	—	—	2	1	1	1	1	1	1	—	—	—	6
Lower leg.	18	—	—	—	5	2	2	—	6	2	—	—	—	18
Leg, general.	37	—	—	2	2	5	3	5	11	3	4	2	1	37
Both legs or one leg and one foot.	25	1	—	—	2	3	6	4	6	2	1	—	—	24
Ankle.	14	—	—	1	2	3	2	2	4	—	—	—	—	14
Both ankles.	6	—	—	—	—	—	4	—	1	1	—	—	—	6
Instep.	6	—	—	1	—	—	1	—	2	2	—	—	—	6
Heel.	4	—	—	—	—	1	—	2	1	—	—	—	—	4
Foot.	125	—	—	11	22	10	25	15	26	12	2	2	—	125
Both feet.	20	—	—	3	3	3	2	2	5	4	—	—	—	20
Great toe.	1	—	—	—	1	—	—	—	—	—	—	—	—	1
Body														
Body, general.	39	11	—	2	2	5	3	2	4	3	2	5	—	28
	39	11	—	2	2	5	3	2	4	3	2	5	—	28
CONCUSSIONS														
Head														
Brain.	71	3	1	1	10	5	8	5	14	7	2	4	7	63
	71	3	1	1	10	5	8	5	14	7	2	4	7	63
	71	3	1	1	10	5	8	5	14	7	2	4	7	63

TABLE VIII.—*Location and Nature of Injury, by Extent of Disability, etc.*—Continued

LOCATION AND NATURE OF INJURY	Total Deaths	Per- manent Total Dis- abilities	NUMBER OF CASES												Total Year	
			TEMPORARY DISABILITIES													
			1 to 3 Days	4 to 7 Days	1 to 2 Weeks	2 to 3 Weeks	3 to 4 Weeks	4 to 8 Weeks	8 to 13 Weeks	13 to 26 Weeks	26 to 52 Weeks	Over 1 Year				
CUTS, PUNCTURES AND LACERATIONS—Con.																
Upper Extremities—Con.																
Little finger	383	—	51	83	59	63	47	54	17	4	3	—	381	—	—	
Thumb and one finger	53	—	7	6	5	14	2	16	2	—	—	—	53	—	—	
Thumb and two fingers or more	26	—	1	3	5	5	3	3	4	1	1	—	26	—	—	
Two fingers	290	—	35	47	40	40	29	68	22	6	3	—	290	—	—	
Three fingers	93	—	6	17	9	12	9	19	14	4	3	—	93	—	—	
Four fingers	20	—	2	6	2	2	1	4	1	1	1	—	20	—	—	
One finger, not specified	152	—	44	34	17	25	13	15	1	1	1	—	151	—	—	
Index finger on each hand	1	—	—	1	1	2	—	—	—	—	—	—	3	—	—	
Two or more fingers on both hands	3	—	—	1	—	—	—	—	—	—	—	—	3	—	—	
Both thumbs	1	—	—	1	—	—	—	—	—	—	—	—	1	—	—	
One finger on each hand	4	—	1	—	1	1	1	—	—	—	—	—	4	—	—	
Lower Extremities																
Hip	1,485	3	285	338	217	219	141	188	53	31	7	2	1,481	—	—	
Upper leg	5	—	2	1	7	1	3	1	—	—	—	—	5	—	—	
Knee	49	—	12	9	19	16	14	19	6	2	2	—	49	—	—	
Both knees	120	—	21	23	19	16	14	34	1	1	1	—	120	—	—	
Lower leg	5	—	1	1	1	1	—	1	—	—	—	—	5	—	—	
Leg, general	163	—	18	21	17	22	31	28	10	8	1	—	162	—	—	
Both legs or one leg and one foot	169	—	23	34	28	27	14	34	11	3	1	—	169	—	—	
Ankle	17	—	4	4	1	2	2	3	1	1	—	—	17	—	—	
Instep	70	—	9	17	9	13	8	11	1	1	1	—	69	—	—	
Heel	25	—	4	6	2	4	2	4	4	1	1	—	25	—	—	
Both heels	33	—	7	7	4	6	4	—	2	3	—	—	33	—	—	
Foot	1	—	1	—	—	—	—	—	—	—	—	—	1	—	—	
Great toe	662	2	158	179	99	92	47	61	11	12	1	—	660	—	—	
Lesser toe	109	—	14	21	21	19	13	14	5	2	—	—	109	—	—	
One toe, not specified	27	—	10	4	4	3	2	4	—	—	—	—	27	—	—	
Great toe and lesser toes or toe	9	—	1	5	3	1	1	3	—	—	—	—	9	—	—	
Two or more lesser toes	12	—	—	5	2	4	—	1	—	—	—	—	12	—	—	
Body																
Body, general	29	—	2	6	8	5	2	4	1	1	—	—	29	—	—	
	29	—	2	6	8	5	2	4	1	1	—	—	29	—	—	

TABLE VIII.—*Location and Nature of Injury, by Extent of Disability, etc.*—Continued

LOCATION AND NATURE OF INJURY	NUMBER OF CASES											Per- manent Total Disa- bilities
	TEMPORARY DISABILITIES											
	1 to 3 Days	4 to 7 Days	1 to 2 Weeks	2 to 3 Weeks	3 to 4 Weeks	4 to 8 Weeks	8 to 13 Weeks	13 to 26 Weeks	26 to 52 Weeks	Over 1 Year	Total	
FRACTURES—Con.												
Upper Extremities												
Scapula	23	46	40	69	89	462	227	104	56	20	1,136	8
Clavicle	—	2	—	2	3	17	10	3	3	2	42	1
Shoulder joint	—	—	—	1	2	8	—	4	1	1	23	1
Both shoulders	—	—	—	—	—	—	—	—	—	—	—	—
Humerus	—	—	—	1	1	4	4	6	4	3	22	1
Olecranon	—	—	—	4	5	17	14	4	3	—	49	—
Radius	1	1	3	4	2	34	20	9	3	1	77	16
Ulna	1	1	—	1	3	6	3	1	1	—	16	—
Radius and ulna	2	—	—	—	3	17	16	9	10	6	63	1
Both wrists	—	—	—	—	—	—	—	—	—	—	—	—
Carpus	2	6	3	12	13	87	63	23	17	4	230	2
Arm and leg	—	—	—	—	—	—	—	—	1	—	—	—
One metacarpal	2	4	7	6	9	36	14	7	2	—	87	13
Two or more metacarpals	—	—	—	—	—	—	—	—	—	—	—	—
One finger, not specified	1	2	1	2	2	3	1	1	—	—	12	—
Thumb	5	10	4	7	10	47	15	14	2	—	114	—
Index finger	2	7	6	8	12	45	20	5	2	—	107	—
Middle finger	3	5	6	7	6	36	7	2	—	—	72	—
Ring finger	1	4	5	3	4	39	11	5	1	—	72	—
Little finger	4	4	2	10	9	37	7	2	1	—	76	—
Thumb and one finger	—	—	—	—	—	—	—	—	—	—	—	—
Thumb and two or more fingers	—	—	—	—	—	—	—	—	—	—	—	—
Two fingers	—	—	—	1	5	14	8	2	2	1	33	5
Three fingers	—	—	—	—	—	2	1	1	—	—	6	—
Four fingers	—	—	—	—	—	—	2	1	—	—	4	—
Lower Extremities												
Hip joint	15	59	46	101	101	352	219	162	107	47	1,209	12
Femur	—	—	—	—	—	—	2	2	3	5	23	41
Patella	—	—	—	—	—	—	—	—	6	2	7	—
Tibia	1	1	—	1	—	8	11	13	4	2	44	—
Fibula	—	—	—	—	—	—	—	—	11	4	75	—
Tibia and fibula	—	—	—	3	2	13	25	17	10	3	103	—
Both heels	—	—	—	—	—	—	—	—	27	1	2	—
Both legs	1	1	1	2	6	27	30	25	26	6	134	—
Tarsus	—	—	—	—	—	78	43	22	11	3	188	—
Metatarsals	—	8	3	10	10	78	43	22	11	3	188	—

TABLE VIII.—*Location and Nature of Injury, by Extent of Disability, etc.*—Continued

LOCATION AND NATURE OF INJURY	Total Deaths	Per- manent Disabil- ities	NUMBER OF CASES										
			TEMPORARY DISABILITIES										
			1 to 3 Days	4 to 7 Days	1 to 2 Weeks	2 to 3 Weeks	3 to 4 Weeks	4 to 8 Weeks	8 to 13 Weeks	13 to 26 Weeks	26 to 52 Weeks	Over 1 Year	
Upper Extremities—Con.													
Four fingers	1	-	-	-	-	-	-	-	-	-	-	-	1
One finger, not specified	3	-	-	-	-	-	-	-	-	-	-	-	3
Both thumbs	1	-	1	-	-	-	-	-	-	-	-	-	1
Lower Extremities													
Hip	2,279	1	568	323	275	204	359	130	57	22	7	2,278	3
Both hips	83	-	15	11	11	10	16	7	3	1	-	-	1
Upper leg	25	1	7	4	3	1	6	-	-	1	-	-	1
Both knees	2	-	-	-	-	-	-	-	-	-	-	-	2
Knee	437	-	83	46	53	33	94	43	30	13	5	437	6
Both legs	6	-	2	2	1	1	-	-	-	-	-	-	6
Lower leg	25	-	3	5	3	3	4	2	1	1	-	-	25
Leg, general	193	-	46	37	23	16	36	13	13	3	1	193	3
Ankle	1,238	1	343	181	143	117	161	53	19	3	1	1,237	1
Both ankles	20	-	3	5	1	2	5	2	2	-	-	-	20
Instep	18	-	8	5	1	1	-	1	1	-	-	-	18
Heel	13	-	1	1	1	1	4	1	1	-	-	-	13
Foot	191	-	51	26	29	15	28	7	13	-	-	191	9
Both feet	9	-	1	2	3	2	1	-	-	-	-	-	9
Great toe	15	-	3	1	2	3	3	-	-	-	-	15	2
Lesser toe	2	-	1	1	-	-	1	-	-	-	-	2	1
Great toe and lesser toes or toe	1	-	1	-	-	-	-	-	-	-	-	1	-
Body	36	1	9	3	5	1	11	2	1	1	-	35	35
Body, general	36	1	9	3	5	1	11	2	1	-	-	-	35
ALL OTHER Head													
Eye	3,733	71	953	416	385	247	588	219	129	63	18	3,647	18
Both eyes	725	2	237	74	53	29	66	18	16	13	1	720	1
Internal ear	526	-	179	50	38	22	35	9	6	5	1	526	1
Both internal ears	51	-	14	12	3	3	3	-	1	-	-	-	2
External ear or ears	3	-	-	1	1	-	-	-	-	-	-	-	2
Scalp	24	-	16	1	-	-	-	-	-	-	-	-	24
Head, general	6	-	3	1	3	1	4	-	-	-	-	6	-
Head and Shoulders	102	2	23	10	8	3	19	8	7	8	-	99	99
Shoulders	11	-	4	-	-	-	5	1	1	1	-	-	11

Face and Neck												
Forehead . . . . .	.	114	30	36	20	5	3	13	2	5	2	114
Eyelids . . . . .	.	9	1	2	4	-	-	-	-	-	-	9
Nose . . . . .	.	3	1	2	-	-	-	-	-	-	-	3
Cheek . . . . .	.	20	3	8	3	1	1	4	-	-	-	20
Teeth . . . . .	.	21	15	2	1	-	1	-	-	-	-	21
Lips and chin . . . . .	.	5	-	2	-	1	1	1	-	1	-	5
Face, general . . . . .	.	18	3	6	4	1	-	3	-	2	-	18
Neck . . . . .	.	21	3	8	5	1	-	1	1	2	-	21
Throat . . . . .	.	4	2	1	2	-	-	-	1	-	-	4
Face and hands or arms.	.	11	1	4	2	2	1	-	-	-	-	11
Trunk												
Spinal cord . . . . .	.	559	77	132	65	55	42	96	24	40	13	551
Back . . . . .	.	1	-	-	-	-	-	-	-	-	-	1
Thorax . . . . .	.	272	34	65	37	33	21	43	10	15	7	269
Abdomen . . . . .	.	57	10	13	9	3	4	3	4	4	3	54
Groin . . . . .	.	23	8	16	2	3	4	12	3	3	1	56
Anus, perineum or rectum . . . . .	.	57	5	7	1	1	1	5	3	3	1	23
External generative organs . . . . .	.	7	1	-	1	-	2	-	-	-	-	7
Side or sides . . . . .	.	32	1	3	2	5	-	11	2	7	1	32
Buttocks . . . . .	.	104	18	25	13	10	9	21	1	7	-	104
Upper Extremities												
Shoulder . . . . .	.	997	144	226	110	125	92	178	36	67	12	994
Both shoulders . . . . .	.	101	10	23	11	13	6	20	5	7	2	99
Upper arm . . . . .	.	2	-	-	1	-	-	-	-	1	-	2
Elbow . . . . .	.	3	1	-	1	-	-	-	-	-	-	3
Forearm . . . . .	.	77	14	9	7	10	10	15	3	6	2	77
Wrist . . . . .	.	28	5	7	5	3	2	3	1	-	-	28
Both wrists . . . . .	.	50	3	15	6	7	3	10	3	3	-	50
Arm, general . . . . .	.	3	-	-	-	1	-	1	1	-	-	3
Both arms, or one hand and one arm . . . . .	.	84	9	17	9	7	11	19	1	7	3	84
Hand and leg . . . . .	.	11	2	2	1	1	2	3	1	3	1	11
Hand, general . . . . .	.	159	22	6	23	32	17	21	4	6	-	159
Both hands . . . . .	.	35	1	5	5	4	2	5	3	9	1	35
Hand and foot . . . . .	.	1	-	-	-	-	-	-	-	-	-	1
Palm . . . . .	.	41	2	5	7	1	6	9	1	4	-	41
Back of hand . . . . .	.	16	3	8	-	-	1	2	1	-	-	16
Thumb . . . . .	.	94	18	25	7	11	5	17	3	7	-	93
Index finger . . . . .	.	58	12	17	7	5	7	8	1	1	-	58
Middle finger . . . . .	.	65	12	15	7	10	6	10	2	3	-	65
Ring finger . . . . .	.	29	7	8	1	3	1	3	2	-	-	29
Little finger . . . . .	.	18	6	5	1	2	1	3	-	-	-	18
Thumb and one finger . . . . .	.	6	1	1	1	-	1	1	-	1	-	6
Thumb and two or more fingers . . . . .	.	4	-	-	-	-	-	-	-	-	-	4
Two fingers . . . . .	.	31	2	5	2	1	4	9	1	4	-	31
Three fingers . . . . .	.	8	-	1	1	4	1	4	1	1	-	8
Four fingers . . . . .	.	6	-	1	1	-	1	2	1	-	-	6
One finger, not specified . . . . .	.	26	8	12	2	-	1	3	1	-	-	26
Two fingers or more on both hands . . . . .	.	15	1	3	2	1	2	3	1	2	-	15
Both thumbs . . . . .	.	1	-	1	-	-	-	-	-	-	-	1
One finger on each hand . . . . .	.	8	3	1	-	-	-	3	-	1	-	8

[illegible]

TABLE VIII.—*Location and Nature of Injury, by Extent of Disability, etc.—Concluded*

LOCATION AND NATURE OF INJURY	Per- manent Deaths	Per- manent Partial Disa- bilities	NUMBER OF CASES												Total
			TEMPORARY DISABILITIES												
			1 to 3 Days	4 to 7 Days	1 to 2 Weeks	2 to 3 Weeks	3 to 4 Weeks	4 to 8 Weeks	8 to 13 Weeks	13 to 26 Weeks	26 to 52 Weeks	Over 1 Year			
OCCUPATIONAL—Con.															
Both wrists	2	—	—	—	—	1	—	—	—	—	—	—	—	2	—
Arm, general	14	—	—	3	4	2	—	2	1	—	—	—	—	14	—
Both arms, or one hand and one arm	72	—	6	6	13	11	8	11	7	9	1	—	—	72	—
Arm and leg	8	—	1	3	1	2	—	1	—	—	—	—	—	8	—
Hand, general	40	—	1	6	4	5	8	5	5	3	2	1	—	40	—
Both hands	170	—	6	22	14	23	15	43	19	17	9	2	—	170	—
Hand and foot	2	—	—	—	—	—	1	1	—	—	—	—	—	2	—
Palm	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—
Back of hand	3	—	—	—	2	—	—	1	—	—	—	—	—	3	—
Thumb	3	—	1	2	1	—	—	—	—	—	—	—	—	3	—
Index finger	9	—	3	3	2	1	—	1	—	—	1	—	—	9	—
Middle finger	6	—	—	4	—	—	—	—	—	—	—	—	—	6	—
Ring finger	1	—	—	1	—	—	—	—	—	—	—	—	—	1	—
Little finger	3	—	1	1	—	—	1	1	—	—	—	—	—	3	—
Thumb and one finger	3	—	—	1	—	—	—	—	—	—	—	—	—	3	—
Two fingers	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—
Three fingers	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—
One finger, not specified	2	—	—	—	1	—	—	—	—	—	—	—	—	2	—
Two or more fingers on both hands	16	—	—	6	4	1	—	2	1	—	—	—	—	16	—
Lower Extremities															
Upper leg	1	—	—	—	—	—	—	1	—	—	—	—	—	1	—
Both ankles	1	—	—	—	1	—	—	—	—	—	—	—	—	1	—
Knee	1	—	—	—	1	—	—	—	—	—	—	—	—	1	—
Leg, general	2	—	1	1	—	—	—	—	—	—	—	—	—	2	—
Both legs	4	—	1	2	2	—	—	—	—	—	—	—	—	4	—
Foot	2	—	1	—	—	—	—	1	—	—	—	—	—	2	—
Both feet	4	—	—	3	—	—	—	—	1	—	—	—	—	4	—
Lesser toe	1	—	—	—	—	1	—	—	—	—	—	—	—	1	—
Body															
Body, general	228	17	30	39	21	14	12	35	10	12	8	7	188	—	188
Constitutional	100	—	11	30	7	9	6	22	5	5	3	1	99	—	99
	128	17	19	9	14	5	6	13	5	7	5	6	89	—	89
Grand Total	35,217	231	4,656	6,781	4,377	4,436	3,093	6,140	2,642	1,188	591	220	34,124	—	34,124

TABLE IX.—*Cases of Infection, by Nature of Injury, July 1, 1933, to June 30, 1934*

NATURE OF INJURY	Total	Fatals	Permanent	Permanent	Temporary
			Total Disabilities	Partial Disabilities	Total Disabilities
Abrasions, contusions and bruises	457	5	—	1	451
Burns and scalds	95	2	—	—	93
Cuts, punctures and lacerations	2,164	15	—	1	2,148
Fractures	7	1	—	—	6
Sprains and strains	7	—	—	—	7
All other	376	—	—	2	374
Amputations	45	3	—	42	—
Grand Total	3,151	26	—	46	3,079

TABLE X.—*Causes of Injuries, by Extent of Disability, July 1, 1933, to June 30, 1934*

CAUSES	NUMBER OF TABULATABLE INJURIES					DAYS LOST DUE TO —										
	TEMPORARY DISABILITIES					TEMPORARY DISABILITIES										
	Total	Deaths	Permanent Total	Permanent Partial	Disabilities	Over 3 Weeks	2 to 3 Weeks	1 to 2 Weeks	7 Days and under	Over 3 Weeks	2 to 3 Weeks	1 to 2 Weeks	7 Days and under			
Machinery	5,098	24	1	527	1,968	622	555	1,401	651,776	144,000	6,000	358,300	119,622	11,255	6,418	6,181
PRIME MOVERS	19	—	—	2	7	3	2	5	4,531	—	—	3,900	536	53	23	19
Compressed air motors	8	—	—	—	3	1	1	3	335	—	—	—	300	15	9	11
Electric motors and dynamos	2	—	—	1	—	—	—	—	317	—	—	300	—	17	—	—
Gas and gasoline engines	2	—	—	—	1	1	—	—	56	—	—	—	35	21	—	—
Water motors	1	—	—	—	1	—	—	—	52	—	—	—	52	—	—	—
Other prime movers	6	—	—	1	2	—	1	2	3,771	—	—	3,600	149	—	14	8
POWER TRANSMISSION APPARATUS	73	1	—	1	37	4	13	17	9,214	6,000	—	600	2,314	76	158	66
Belts and pulleys	41	—	—	1	23	1	8	8	2,069	—	—	600	1,323	19	98	29
Chains and sprockets	2	—	—	—	1	—	—	1	37	—	—	—	34	—	—	3
Cogs, cams, gears and friction wheels	2	—	—	—	—	—	—	2	10	—	—	—	—	—	—	10
Ropes, cables and drums	4	—	—	—	—	—	1	3	20	—	—	—	—	—	12	8
Shafts	24	1	—	—	13	3	4	3	7,078	6,000	—	—	957	57	48	16
FARM MACHINES	9	—	—	1	5	—	—	3	2,556	—	—	2,400	143	—	—	13
Miscellaneous machines	8	—	—	—	5	—	—	3	156	—	—	—	143	—	—	13
Feed and ensilage cutting and shredding machines	1	—	—	1	—	—	—	—	2,400	—	—	2,400	—	—	—	—
ENGINEERING AND CONTRACTING MACHINES	92	—	—	8	35	11	11	27	7,272	—	—	3,600	3,221	210	132	109
Miscellaneous machines	62	—	—	6	23	7	8	18	5,806	—	—	3,000	2,512	130	90	74
Concrete mixers	15	—	—	—	9	2	1	3	627	—	—	—	561	38	14	14
Pile drivers	4	—	—	1	1	1	1	1	410	—	—	300	93	—	14	3
Road rollers	2	—	—	1	—	—	1	—	314	—	—	300	—	—	14	—
Rock drills	9	—	—	—	2	2	—	5	115	—	—	—	55	42	—	18
CHEMICAL PRODUCTS MACHINES	4	—	—	—	4	—	—	—	184	—	—	—	184	—	—	—
Paints, Varnishes, Dry Colors, Inks and Dyes	1	—	—	—	1	—	—	—	53	—	—	—	53	—	—	—
Miscellaneous machines	1	—	—	—	1	—	—	—	23	—	—	—	23	—	—	—
Centrifugal extractors	1	—	—	—	1	—	—	—	27	—	—	—	27	—	—	—
Crushers	1	—	—	—	1	—	—	—	81	—	—	—	81	—	—	—
Pony and paint mixers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Soaps, Greases, Oils and Fertilizers	3	—	—	—	2	1	—	—	81	—	—	—	60	21	—	—
Miscellaneous machines	1	—	—	—	1	—	—	—	27	—	—	—	27	—	—	—
Barreling, bagging, packing and wrapping machines, automatic or semi-automatic	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Soap stamping presses, power operated	1	—	—	—	1	1	—	—	21	—	—	—	33	21	—	—

TABLE X.—Cause of Injuries, by Extent of Disability, etc.—Continued

CAUSES	NUMBER OF TABULATABLE INJURIES				DAYS LOST DUE TO —								
	Total	Deaths	Permanent Total Disabilities	Permanent Partial Disabilities	TEMPORARY DISABILITIES				Over 3 Weeks	2 to 3 Weeks	1 to 2 Weeks	7 Days and under	
					Over 3 Weeks	2 to 3 Weeks	1 to 2 Weeks	7 Days and under					
Machinery—Con.													
METAL WORKING MACHINES—Con.													
Bending and straightening machines and rolls	5	—	—	1	3	—	1	443	—	—	—	3	
Other metal rolls	6	—	—	2	1	—	2	648	—	—	10	13	
Bolt and nut, pipe cutting, threading and tapping machines	8	—	—	1	2	—	5	381	—	—	—	26	
Boring machines or mills (horizontal and vertical)	8	—	—	—	2	1	5	167	—	—	—	25	
Drills, drill presses (radial and upright or gooseneck)	67	—	—	2	11	15	6	1,858	—	—	59	125	
Hammers and Forging Machines													
Hammers and forging machines, N. O. C.	4	—	—	—	4	—	—	204	—	—	—	—	
Drop hammers	13	—	—	1	3	4	—	1,472	—	—	32	6	
Forging hammers	2	—	—	—	1	—	1	37	—	—	—	3	
Swaging machines	1	—	—	—	1	—	—	26	—	—	—	—	
Upsetting machines	1	—	—	—	1	—	—	47	—	—	—	—	
Lathes and Automatic Screw Machines													
Lathes and automatic screw machines, N. O. C.	2	—	—	—	—	—	—	—	—	—	13	6	
Lathes	67	—	—	4	24	9	1	2,913	—	—	87	109	
Screw machines	10	—	—	2	2	2	3	711	—	—	13	12	
Turret lathes	10	—	—	1	4	1	4	1,159	—	—	—	14	
Milling and Gear Cutting Machines													
Milling and gear cutting machines	11	—	—	5	1	1	4	1,568	—	—	—	19	
Die sinkers	6	—	—	—	1	2	—	223	—	—	—	14	
Gear cutting machines	1	—	—	1	—	—	—	300	—	—	—	—	
Milling machines	22	—	—	3	10	2	7	1,931	—	—	—	35	
Slotters	1	—	—	—	1	—	—	70	—	—	—	—	
Molding machines (core, sandmixers, tamping machines)	9	—	—	3	1	2	1	5,224	—	—	11	8	
Planers and shapers	18	—	—	1	6	2	2	631	—	—	23	27	
Polishers and buffers	52	—	—	2	23	6	15	2,290	—	—	71	76	
Portable power tools	57	—	—	9	28	5	6	6,643	—	—	79	35	

Presses and Punches, (Power)

Miscellaneous presses	104	-	-	-	21	41	7	7	28	11,945	-	-	-	9,600	2,017	121	87	120
Arbor presses	4	-	-	-	-	2	1	1	1	143	-	-	-	-	126	15	-	2
Bulldozers	2	-	-	-	-	1	1	-	-	652	-	-	-	-	52	-	-	-
Draw presses	1	-	-	-	-	1	-	-	-	49	-	-	-	-	49	-	-	-
Punch, stamping and trimming presses	58	-	-	-	19	21	7	3	8	12,885	-	-	-	11,550	1,150	120	28	37
Punch and eyeletting machines	3	-	-	-	1	1	-	-	2	308	-	-	-	300	-	-	-	8
Punch and rivetting presses	10	-	-	-	-	5	1	1	3	235	-	-	-	-	191	19	14	11
Squaring presses	2	-	-	-	-	1	1	1	1	6,032	6,000	-	-	-	32	-	-	-
Presses (foot and hand operated)	48	-	-	-	13	15	3	4	13	7,356	-	-	-	6,600	600	55	38	63
Presses (hydraulic, pneumatic and screw)	7	-	-	-	4	1	1	1	2	4,392	-	-	-	4,350	31	-	-	11
Reamers	14	-	-	-	-	7	2	1	4	326	-	-	-	-	260	33	14	19
Rolling and blooming mills	8	-	-	-	3	2	-	1	2	5,170	-	-	-	5,100	54	-	11	5
Saws																		
Miscellaneous saws	16	-	-	-	1	5	1	2	7	544	-	-	-	300	169	19	19	37
Band saws	1	-	-	-	-	-	-	-	1	5	-	-	-	-	-	-	-	5
Circular saws	20	-	-	-	4	6	5	5	5	3,162	-	-	-	2,850	234	-	62	16
Hack saws	3	-	-	-	-	2	-	-	1	39	-	-	-	-	56	-	-	3
Shears	22	-	-	-	6	10	3	2	1	4,815	-	-	-	4,200	527	58	25	5
Welding and heat cutting machines	9	-	-	-	-	3	2	1	1	160	-	-	-	-	106	38	-	16
Wire working machines	16	-	-	-	5	4	4	3	4	7,401	-	-	-	7,200	149	-	29	23
Wire and tube working machines	16	-	-	-	3	5	1	1	6	4,992	-	-	-	4,350	587	20	9	26
Winding machines (armatures)	4	-	-	-	-	1	2	2	2	29	-	-	-	-	-	-	22	7
LEATHER WORKING MACHINES																		
Miscellaneous leather machines	662	1	-	-	44	255	95	83	184	49,353	6,000	-	-	26,100	13,724	1,706	971	852
Buffing and scouring machines	42	-	-	-	33	184	78	60	145	29,513	-	-	-	16,950	9,798	1,492	698	665
Cutting machines	46	-	-	-	2	20	8	6	6	2,158	-	-	-	900	1,007	152	68	31
Punching and pressing machines	17	-	-	-	4	13	3	5	9	882	-	-	-	-	722	35	62	43
Sewing machines	49	-	-	-	1	20	10	7	7	4,075	-	-	-	2,700	1,107	184	58	26
Miscellaneous shoemaking machines	89	-	-	-	1	9	2	1	4	2,440	-	-	-	1,500	862	40	14	24
Rolling machines	2	-	-	-	8	16	8	10	14	1,675	-	-	-	300	1,053	142	115	65
Lacing machines	6	-	-	-	1	28	17	8	28	5,696	-	-	-	3,600	1,584	287	99	126
Stamping machines	14	-	-	-	-	1	1	1	2	325	-	-	-	300	25	-	-	-
Eyeletting machines	43	-	-	-	-	2	1	1	3	96	-	-	-	-	59	18	10	9
Heeling machines	9	-	-	-	-	9	1	1	3	409	-	-	-	-	375	15	8	11
Trimming machines	15	-	-	-	-	14	7	10	12	773	-	-	-	-	484	131	105	53
Dinking machines	27	-	-	-	3	3	1	2	3	206	-	-	-	900	150	17	24	15
Nallers and tackers	35	-	-	-	3	4	2	2	4	1,127	-	-	-	-	146	34	26	21
Skiving machines	32	-	-	-	2	12	6	4	25	1,572	-	-	-	900	406	107	50	109
Grading and sorting machines	5	-	-	-	5	14	2	1	6	3,761	-	-	-	2,700	995	37	-	29
Embossing machines	10	-	-	-	-	4	2	1	8	330	-	-	-	-	243	38	14	35
		-	-	-	-	8	8	4	12	574	-	-	-	-	326	145	45	58
		-	-	-	-	3	-	-	2	112	-	-	-	-	102	-	-	10
		-	-	-	6	4	-	-	-	3,302	-	-	-	3,150	152	-	-	-
Tanneries																		
Miscellaneous machines	162	1	-	-	11	71	17	23	39	19,840	6,000	-	-	9,150	3,926	304	273	187
Buffing drums	77	-	-	-	3	31	12	11	20	5,905	-	-	-	3,600	1,862	218	135	90
Other drums and paddle vats	2	-	-	-	1	4	1	1	1	1,535	-	-	-	1,200	315	-	13	7
Fleshing, shaving and skiving machines	39	-	-	-	4	21	3	4	7	6,048	6,000	-	-	-	46	-	-	-
		-	-	-	-	-	-	-	-	3,711	-	-	-	2,550	1,034	53	44	30

TABLE X.—Causes of Injuries, by Extent of Disability, etc.—Continued

CAUSES	NUMBER OF TABULATABLE INJURIES					DAYS LOST DUE TO —								
	Total	Deaths	Permanent Total Disabilities	Permanent Partial Disabilities	TEMPORARY DISABILITIES			Total	Deaths	Permanent Total Disabilities	Permanent Partial Disabilities	TEMPORARY DISABILITIES		
					Over 3 Weeks	2 to 3 Weeks	1 to 2 Weeks					7 Days and under	Over 3 Weeks	2 to 3 Weeks	1 to 2 Weeks	7 Days and under
Machinery—Con.														
LEATHER WORKING MACHINES—Con.														
<i>Tanneries—Con.</i>														
Hair washing and drying machines	2	—	—	—	—	—	—	2	—	—	—	—	—	—
Jacks-felting, glazing, rolling, etc.	23	—	—	2	8	2	4	7	—	600	401	33	52	10
Presses and baling machines	3	—	—	—	1	—	1	1	—	—	—	—	11	7
Setting up or out machines	2	—	—	1	1	—	—	—	—	1,200	42	—	—	—
Splitting machines	6	—	—	—	3	—	2	1	—	—	165	—	18	2
Unhairing machines	1	—	—	—	1	—	—	—	—	—	22	—	—	—
WOOD WORKING MACHINES														
Miscellaneous machines	505	3	—	88	211	65	55	83	—	56,450	10,421	1,193	653	382
Boring machines and drills	36	—	3	3	13	5	4	11	—	2,250	500	90	47	60
Broom and brush making machines	21	—	—	1	10	4	3	3	—	300	489	73	37	15
	4	—	—	1	1	1	—	1	—	300	150	17	—	5
<i>Lathes</i>														
Lathes, miscellaneous	15	—	—	—	4	1	4	4	—	2,400	255	16	49	21
Mortising machines	2	—	—	—	—	—	—	2	—	—	—	—	—	9
<i>Presses</i>														
Miscellaneous presses	12	1	—	1	6	1	2	1	—	300	279	17	26	2
Box board squeezers	2	—	—	—	2	—	—	—	—	—	141	—	—	—
Box nailers	3	—	—	—	1	—	2	—	—	—	35	—	27	—
<i>Tenoning, Planing and Molding Machines</i>														
Automatic blind slat	1	—	—	—	—	—	—	1	—	—	—	—	—	3
Edgers	3	—	—	3	—	—	—	—	—	3,600	—	—	—	—
Joiners	4	—	—	—	2	1	1	—	—	—	54	18	12	—
Matchers	9	1	—	—	2	2	2	2	—	—	89	36	20	9
Molders	25	—	—	6	12	1	1	5	—	4,050	581	20	12	19
Planers	70	—	—	18	32	4	5	11	—	8,400	1,224	74	53	52
Stickers	1	—	—	—	—	—	—	—	—	—	—	—	—	3
Tenoners	1	—	—	—	—	—	—	—	—	600	—	—	—	—
Sanding machines, N. O. C.	16	—	—	1	7	2	4	3	—	—	256	32	46	10
Belt (felice and panel)	1	—	—	—	—	—	—	—	—	—	—	17	—	—
Spindle and post	1	—	—	—	—	—	—	—	—	—	—	—	11	—
Surface or drum	2	—	—	—	—	—	—	—	—	—	—	—	—	6

<i>Saws</i>									
Miscellaneous saws	141	1	23	57	27	15	18	24,328	6,000
Band saws	18	—	3	6	3	3	3	2,023	—
Band re-saws	6	—	2	—	—	—	—	600	—
Saws, N. O. C.	89	—	1	43	1	—	—	764	—
Circular saws	4	—	18	3	8	6	14	17,669	—
Dado	1	—	1	—	—	—	—	500	—
Gang circular	3	—	1	—	1	1	—	21	—
Spring saws	3	—	1	—	—	—	—	332	—
Shapers, N. O. C.	11	—	3	5	1	1	1	1,615	—
Veneering machines	1	—	—	1	—	—	—	30	—
PAPER									
<i>Paper Products Machines</i>									
Miscellaneous machines	248	1	19	105	38	28	57	26,824	6,000
Tube machines	136	—	11	58	22	11	34	7,712	—
Glueing machines	1	—	—	15	7	3	11	1,260	—
Automatic box making machines	7	—	—	6	1	1	—	13	—
Corner staying machines	30	—	2	10	5	4	9	422	—
Bag and envelope making machines	15	—	2	2	3	2	4	1,251	—
Cutting and punching machines, N. O. C.	8	—	1	4	1	—	—	74	—
Die cutters	2	—	1	—	—	—	—	1,045	—
Paper cutters (hand)	3	—	1	—	—	—	—	497	—
Punches (presses)	10	—	1	4	2	—	—	306	—
Rotary cutters	3	—	1	1	—	—	—	307	—
Saws	3	—	—	3	—	—	3	613	—
Shears	1	—	—	1	—	—	—	30	—
Doming and ending machines, N. O. C.	1	—	—	1	—	—	—	172	—
Corrugating machines (not rolls)	1	—	—	1	—	—	—	55	—
Ending machines	3	—	—	1	—	—	—	67	—
Embossing rolls or calendars	5	—	1	2	1	—	—	46	—
Embossing presses	5	—	1	1	2	1	1	383	—
Folding presses	5	—	1	—	—	—	—	253	—
Miscellaneous machines	112	1	8	47	16	17	23	600	—
	54	—	—	25	6	10	13	318	—
								19,112	6,000
								1,549	—
PAPER MAKING MACHINES									
Miscellaneous machines	112	1	8	47	16	17	23	19,112	6,000
	54	—	—	25	6	10	13	1,549	—
<i>Barkers, Splitters, Grinders</i>									
Grinders	2	—	—	2	—	—	—	113	—
Splitters	2	—	—	1	1	—	—	66	—
Beaters (including rag washers)	6	—	—	3	1	1	1	126	—
Choppers	14	—	3	1	—	—	—	49	—
Cutters and slitters	19	—	3	5	2	2	2	2,111	—
Calenders	3	—	4	6	5	1	3	5,184	—
Doctors	9	—	1	—	—	—	—	26	—
Dryers	9	1	1	4	1	2	2	9,848	—
Suction rolls	1	—	1	—	—	—	1	6	—

TABLE X.—*Causes of Injuries, by Extent of Disability, etc.—Continued*

CAUSES	NUMBER OF TABULATABLE INJURIES				DAYS LOST DUE TO —					
	Total	Deaths	Permanent Total Disabilities	Permanent Partial Disabilities	TEMPORARY DISABILITIES					
					Over 3 Weeks	2 to 3 Weeks	1 to 2 Weeks	7 Days and under		
Machinery—Con.										
PRINTING and BOOKBINDING MACHINES	129	—	—	17	47	12	15	38	16,586	—
Composing machines, all other	3	—	—	—	2	1	—	—	101	—
Linotypes	9	—	—	—	5	1	2	1	280	—
Monotypes	1	—	—	—	—	—	—	—	4	—
Type casters	2	—	—	—	1	—	—	1	72	—
Presses										
Binding presses	5	—	—	1	2	—	1	1	829	—
Printing presses	47	—	—	6	19	4	2	16	5,067	—
Flat bed cylinder presses	5	—	—	2	1	1	2	—	639	—
Job platen presses	14	—	—	3	6	2	2	1	1,233	—
Web newspaper presses	4	—	—	1	3	—	—	—	4,810	—
Sewing machines	1	—	—	—	1	—	—	—	24	—
Wire stitchers	3	—	—	—	1	—	—	—	64	—
Other printing machines	18	—	—	1	5	—	2	10	1,485	—
Other bookbinding machines	17	—	—	3	2	3	3	6	1,978	—
TEXTILE MACHINES										
Miscellaneous machines	973	1	—	100	374	127	103	268	100,861	6,000
Washers	76	—	—	10	30	6	5	25	8,640	—
Driers	10	—	—	1	3	2	1	—	567	—
Scouring machines	9	—	—	3	6	—	3	—	2,512	—
Braiding and knitting machines	3	—	—	—	—	—	1	2	21	—
Carding and combing machines, all other	15	—	—	—	4	1	2	8	358	—
Cards	5	—	—	—	1	—	—	—	120	—
Combs	123	—	—	22	60	12	14	15	17,271	—
Garnett machines	39	—	—	7	14	6	4	8	3,245	—
Stubbers	16	—	—	4	8	1	1	2	4,102	—
Speeders	21	—	—	1	4	—	—	—	1,770	—
Gill box tenders	2	—	—	1	12	2	1	5	1,200	—
Cloth cutting and stamping machines	8	—	—	5	—	—	—	—	2,700	—
Folding machines	12	—	—	1	4	2	2	3	483	—
Coating and inlaying machines	7	—	—	—	3	2	2	2	166	—
Dyeing, Finishing and Printing Machines	1	—	—	—	1	—	—	—	32	—
Dyeing and finishing machines	78	—	—	10	32	10	6	20	11,738	—
									3,005	177
									8,400	96
									2,279	1,219
									2,227	107
									38	13
									216	30
									82	13
									285	20
									84	17
									4,327	212
									646	108
									469	16
									170	—
									504	37
									2,700	—
									2,723	—
									483	—
									123	31
									124	37
									32	—
									3,005	177
									8,400	96

Shearing machines	7	1	4	1	1	1	833	3,017	3,000	510	19	-	4
Lappers	2	1	1	1	1	1	29	29	-	23	17	-	6
Hat making machines	1	1	1	1	1	1	17	17	-	-	17	-	-
Openers	48	12	19	4	3	2	10,503	10,503	8,850	1,502	67	32	52
Pickers	7	1	-	2	2	2	479	479	300	138	28	28	13
Rag pickers	2	1	-	1	1	1	33	33	-	-	20	13	-
Willow machines	4	1	-	1	1	1	831	831	300	-	15	13	3
Presses	4	1	2	1	1	1	100	100	-	82	-	11	7
Rope making machines	20	2	3	4	2	2	911	911	600	164	76	27	44
Sewing machines	27	1	10	3	3	3	1,543	1,543	750	645	55	41	52
Spinning machines, all other	20	4	11	2	2	2	6,886	6,886	-	512	34	25	15
Jacks and mules	37	6	14	5	2	2	2,872	2,872	1,800	907	85	21	59
Spinning frames	20	6	6	5	1	1	8,314	8,314	7,950	258	87	10	9
Drawing frames	18	-	5	4	1	1	308	308	-	192	65	14	37
Spoolers	17	-	5	3	4	4	391	391	-	267	58	48	18
Twisting machines	17	-	12	6	4	4	809	809	-	560	119	48	82
Weaving machines, all other	40	5	75	3	28	63	7,131	7,131	1,950	3,892	616	339	334
Warpers	210	5	7	1	34	5	1,174	1,174	750	378	21	-	25
Looms	14	1	16	6	7	16	1,558	1,558	300	990	108	83	77
Winders, doublers and quillers	46	1	-	-	-	-	-	-	-	-	-	-	-
RUBBER, CELLULOSE, COMPOSITION, PEARL, BONE AND TORTOISE SHELL (GOVERN- MENT MACHINES)	202	1	73	22	21	56	35,957	35,957	6,000	4,771	390	245	251
Miscellaneous machines	79	1	31	10	6	24	12,351	12,351	6,000	2,404	177	67	103
Calenders	15	7	3	1	1	3	12,152	12,152	-	103	19	12	18
Comb cutting machines and ornament shapers	6	-	2	1	-	3	151	151	-	120	20	-	11
Cutting and punching machines	9	-	3	1	4	2	159	159	-	105	-	45	9
Cutting and sifting machines	14	-	10	1	2	1	904	904	-	859	16	25	4
Drills (button) etc.	5	1	-	1	1	3	332	332	-	-	16	-	16
Grinding, washing, milling and cracking machines	20	2	6	3	1	8	2,944	2,944	-	301	52	9	32
Lathes (button) etc.	3	-	1	1	1	1	47	47	-	30	-	14	3
Mixers (not of calendar type)	5	-	4	4	1	1	253	253	-	250	-	-	3
Presses, foot and hand operated	15	3	4	1	3	4	1,680	1,680	-	258	19	37	16
Presses and punches (mechanical)	14	-	3	1	-	2	3,932	3,932	-	155	15	-	12
Rubber band choppers and cutters	1	1	3	3	1	2	750	750	-	96	56	10	14
Saws (button) etc.	9	-	3	3	1	2	176	176	-	90	-	26	4
Tire and tube making machines	6	-	3	-	2	1	120	120	-	-	-	-	6
Tumblers	1	-	-	-	-	1	6	6	-	-	-	-	-
LAUNDRY MACHINES	83	4	41	10	5	23	8,011	8,011	-	3,318	190	58	95
Miscellaneous machines	28	-	11	6	2	9	891	891	-	717	115	23	36
Extractors	7	1	2	1	3	3	1,316	1,316	-	83	18	-	15
Ironing machines	18	1	10	2	1	4	2,106	2,106	-	842	40	8	16
Body ironers	3	-	3	-	-	-	282	282	-	282	-	-	-
Flat work ironers	2	-	-	-	-	2	12	12	-	-	-	-	12
Mangles	6	-	4	1	-	1	259	259	-	239	17	-	3
Washing machines	19	2	11	-	2	4	3,145	3,145	-	1,155	-	27	13

TABLE X.—Causes of Injuries, by Extent of Disability, etc.—Continued

CAUSES	NUMBER OF TABULATABLE INJURIES				DAYS LOST DUE TO --					
	Total	Deaths	Permanent Total Disabilities	Permanent Partial Disabilities	TEMPORARY DISABILITIES				TEMPORARY DISABILITIES	
					Over 3 Weeks	2 to 3 Weeks	1 to 2 Weeks	7 Days and under		
Machinery—Con.										
MISCELLANEOUS										
Office machinery	54	—	—	2	15	5	6	26	4,459	—
Not specified machinery	8	—	—	—	1	—	1	6	64	—
	46	—	—	2	14	5	5	20	4,395	—
MACHINES OTHER THAN WORKING MACHINES										
Automatic stokers	54	—	—	5	23	5	9	12	3,720	—
Compressors	1	—	—	—	1	—	—	—	62	—
Fans and blowers	3	—	—	—	1	2	—	—	116	—
Pumps	31	—	—	4	15	2	3	7	2,832	—
Other machines	14	—	—	1	4	1	4	4	557	—
	5	—	—	—	2	—	2	1	116	—
HOISTING APPARATUS										
<i>Elevators Controlled (not Construction Elevators)</i>	362	12	—	21	162	40	42	85	108,227	72,000
Cable, breaking	4	—	—	—	4	—	—	—	517	—
Cable, unwinding	1	—	—	—	—	—	—	—	3	—
Cable, caught by	2	—	—	—	1	—	—	—	81	—
Car, caught between floor and	36	1	—	3	16	4	7	5	8,778	6,000
Car, caught between shaft side and	11	—	—	—	7	2	1	1	482	—
Car, caught between gate and	7	1	—	—	1	1	1	3	6,148	6,000
Car, struck by, in pit	4	—	—	—	1	3	—	—	84	—
Caught between car and overhead equipment or top of shaft	2	—	—	—	1	—	1	—	115	—
Car, struck by, elsewhere	3	—	—	—	—	—	—	—	14	—
Car, sudden stop or start	5	—	—	—	4	1	—	—	438	—
Catching of load or part thereof between car and shaft	1	—	—	—	—	—	—	—	—	—
Fall of person into shaft, from floor	28	3	—	—	14	2	4	5	20,256	18,000
Fall of person into shaft, from car	2	1	—	—	1	—	—	—	6,475	6,000
Fall of person into car, from floor	3	1	—	—	1	—	—	—	6,028	6,000
Gates, not specified	45	—	—	1	17	3	4	20	1,980	—
Machinery, caught in	1	—	—	—	1	—	—	—	35	—
Objects falling from floor into car	1	—	—	—	—	—	—	—	7	—
All other	46	1	—	—	17	8	8	12	7,544	6,000
Elevators, Automatic and Dumb Waiters										
Cable, breaking	1	—	—	—	—	1	—	—	18	—

TABLE X.—*Causes of Injuries, by Extent of Disability, etc.—Continued*

CAUSES	NUMBER OF TABULATABLE INJURIES					DAYS LOST DUE TO —							
	Total	Deaths	Permanent Total Disabilities	Permanent Partial Disabilities	TEMPORARY DISABILITIES				Over 3 Weeks	2 to 3 Weeks	1 to 2 Weeks	7 Days and under	
					Over 3 Weeks	2 to 3 Weeks	1 to 2 Weeks	7 Days and under					
Machinery—Con.													
CONVEYORS—Con.													
Air Hoists—Con.													
Caught in	3	—	—	—	1	—	1	1	52	—	9	6	—
Struck by load	3	—	—	—	—	—	—	—	43	38	—	5	—
Other	12	—	—	—	5	3	1	3	332	56	10	15	—
Overhead Trolleys													
Objects falling from	3	—	—	—	—	2	1	—	49	37	12	—	—
Struck by load	1	—	—	—	1	—	—	—	42	—	—	—	—
Other	6	—	—	—	5	—	—	1	221	216	—	5	—
Belt and Chain Conveyors													
Objects falling from	5	—	—	—	2	1	1	1	86	15	14	4	—
Caught in	21	—	—	—	10	2	1	6	2,399	383	9	24	—
Struck by load	2	—	—	—	2	2	—	—	520	520	—	—	—
Other	14	—	—	—	7	—	2	5	701	657	22	22	—
Screen Conveyors													
Caught in	1	—	—	1	—	—	—	—	4,500	—	—	—	—
Bucket Conveyors													
Objects falling from	5	—	—	—	1	—	—	4	69	—	—	9	—
Caught in	3	—	—	—	2	—	—	1	319	—	—	2	—
Struck by load	9	—	—	1	6	—	—	2	588	277	—	11	—
Other	4	—	—	—	1	—	1	2	123	101	13	9	—
Platform Conveyors and Escalators													
Objects falling from	1	—	—	—	1	—	—	—	28	—	—	—	—
Caught in	13	1	—	3	5	—	2	2	10,576	4,200	21	11	—
Other	20	—	—	1	9	3	2	5	1,242	538	23	22	—

Vehicles (not including Construction of)										2,914	72	2	32	1,282	389	372	765	604,299	432,000	12,000	53,850	91,529	7,213	4,307	3,400	
CARS AND ENGINES—STEAM AND ELECTRIC										204	15	—	6	73	22	33	55	111,510	90,000	—	16,200	4,280	409	381	240	
<i>Falls From or In</i>																										
In getting on or off, in motion										4	—	—	—	2	—	—	2	130	—	—	—	125	—	—	5	
In getting on or off, at rest										29	—	—	—	13	1	6	9	691	—	—	—	562	20	67	42	
While riding on, due to sudden start or stop										5	1	—	1	—	—	—	3	7,209	6,000	—	1,200	—	—	—	9	
While riding on, due to slipping or loss of balance										4	—	—	—	1	1	—	2	57	—	—	—	28	20	—	9	
While riding on, contact with side structure										1	—	—	—	—	—	1	—	14	—	—	—	—	14	—	—	
Falls										50	—	—	—	26	5	9	10	2,219	—	—	—	1,976	89	110	44	
<i>Train Wrecks</i>																										
Collisions										13	2	—	—	5	1	2	3	12,245	12,000	—	—	190	18	23	14	
Derailments										3	2	—	—	1	—	—	—	12,023	12,000	—	—	23	—	—	—	
<i>Struck By or Caught Between</i>																										
While coupling or uncoupling										4	—	—	1	—	3	—	—	4,552	—	—	4,500	—	52	—	—	3
While switching										4	1	—	—	1	1	—	1	6,156	6,000	—	—	132	21	—	—	—
While repairing cars or engines										1	—	—	1	—	—	—	—	3,000	—	—	—	—	—	—	—	—
While repairing track										2	—	—	—	1	—	1	—	179	—	—	—	168	—	11	—	—
While crossing track										2	1	—	—	—	1	—	—	6,018	6,000	—	—	—	18	—	—	—
While standing or walking on track										6	3	—	—	1	—	—	2	18,057	18,000	—	—	51	—	—	6	
Miscellaneous										26	3	—	3	7	4	5	4	26,033	18,000	—	7,500	394	70	48	21	
<i>Other Causes</i>																										
Setting or releasing hand brakes										3	1	—	—	—	—	2	—	6,026	6,000	—	—	—	—	26	—	—
Objects falling from (not in loading or unloading)										9	—	—	—	2	2	2	3	119	—	—	—	49	39	19	12	
Objects shifting on load										2	—	—	—	—	—	1	1	17	—	—	—	—	14	3	—	
All other										36	1	—	—	13	3	4	15	6,765	6,000	—	—	582	62	49	72	
MINE, QUARRY AND TUNNEL CARS																										
Struck by or caught between										12	—	—	—	10	1	—	1	2,315	—	—	—	2,296	17	—	2	
All other										5	—	—	—	5	1	—	1	1,381	—	—	—	1,381	17	—	2	
All other										7	—	—	—	5	1	—	1	934	—	—	—	915	17	—	2	
PLANT TRUCKS ON TRACKS																										
Caught between truck and overhead ob-										35	1	—	3	19	3	3	6	12,677	6,000	—	5,100	1,472	50	36	19	
struction										1	—	—	—	1	—	—	—	37	—	—	—	37	—	—	—	—
Caught or struck by rope or chain										2	—	—	—	1	1	—	—	41	—	—	—	25	16	—	—	—
Caught by car or load in dumping										1	—	—	—	—	—	—	—	41	—	—	—	41	—	—	—	—
Collisions										2	—	—	—	2	—	—	—	69	—	—	—	69	—	—	—	—
Derailments										3	1	—	1	1	—	—	—	7,926	6,000	—	1,800	126	—	—	—	—
Falls from riding on tail chain										1	—	—	—	1	—	—	—	87	—	—	—	87	—	—	—	—
Getting on or off										2	—	—	—	1	—	1	—	249	—	—	—	240	9	—	—	—
Lifting or pushing car										4	—	—	—	2	1	1	1	191	—	—	—	173	16	—	2	—
Struck by or caught between while coupling or switching										—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Struck by, all other										11	—	—	1	5	—	1	1	584	—	—	300	280	—	—	4	—
Struck, or caught between										4	—	—	—	2	1	1	—	3,294	—	—	3,000	126	18	14	—	

Shipping, twisting or fall of ladder	182	-	-	3	101	19	18	41	15,368	-	-	3,900	10,718	363	212	175
Knocked off ladder	7	-	-	-	4	2	-	1	724	-	-	-	688	33	-	3
All other	288	-	-	2	162	33	25	63	33,450	18,000	-	2,400	11,873	610	279	288
Loading platforms	69	1	-	-	23	9	9	27	7,605	6,000	-	-	1,239	154	101	111
Piles	57	-	-	1	33	3	3	17	5,329	-	-	2,400	2,756	59	36	78
Poles and trees	29	-	-	2	14	3	2	7	13,403	6,000	-	6,300	988	55	23	37
Roofs	24	1	-	-	14	-	4	2	14,185	6,000	-	6,600	1,529	-	51	5
Runways, balconies and platforms, not loading platforms	82	2	-	-	41	14	4	21	17,157	12,000	-	-	4,754	249	54	100
<i>Scaffolds and Stagings</i>																
Breaking or slipping	54	-	-	2	35	7	2	8	7,331	-	-	2,400	4,758	121	16	36
Breaking of tackle or support	16	-	-	-	9	-	3	3	6,877	6,000	-	-	827	-	36	14
Tilting of scaffold	5	-	-	-	3	-	1	2	371	-	-	-	365	-	6	6
Tilting or falling of loose plank	18	2	-	-	12	10	8	12	14,128	12,000	-	-	2,106	-	12	10
All other	82	4	-	1	47	10	8	388	32,764	24,000	-	3,000	5,442	181	94	47
Stairs and steps	1,207	5	2	10	507	153	142	388	98,914	30,000	12,000	13,800	36,998	2,787	1,621	1,708
Tramways and trestles	-	-	-	-	1	-	-	-	81	-	-	-	81	-	-	-
Windows and wall openings	21	3	-	-	11	1	2	3	21,681	18,000	-	2,400	1,225	15	25	16
All other	118	4	-	1	58	14	13	28	34,735	24,000	-	3,000	7,214	252	152	117
<i>INTO EXCAVATIONS, PITS AND SHAFTS</i>																
Bins and vats, containing hot or corrosive substances	8	2	-	-	4	-	2	-	12,174	12,000	-	-	152	-	22	-
Bins and vats, all other	17	-	-	-	12	2	1	2	494	-	-	-	428	40	14	12
Floor openings (not elevator shafts)	81	1	-	1	36	14	6	23	13,219	6,000	-	1,800	4,085	255	71	108
Manholes	11	-	-	-	7	1	-	3	622	-	-	-	594	16	-	12
Excavations	86	1	-	1	35	15	12	22	11,397	6,000	-	1,800	3,074	288	145	90
<i>ON LEVEL</i>																
Shipping	2,044	3	-	7	955	198	258	623	104,133	18,000	-	12,000	64,809	3,564	2,963	2,797
Stumbling over fixed objects	141	-	-	2	75	21	14	29	8,780	-	-	1,800	6,282	391	168	139
Stumbling over loose objects	483	1	-	-	206	52	43	181	22,759	6,000	-	-	14,518	944	502	795
All other	599	-	-	6	233	63	80	217	22,013	-	-	3,900	15,105	1,141	910	957
Shipping on wet floors	482	1	-	2	243	47	59	130	27,213	6,000	-	600	18,496	853	689	575
<i>Stepping on, or Striking against</i>																
Stepping on, Objects	2,036	9	-	14	611	241	289	872	120,529	54,000	-	21,600	33,634	4,341	3,377	3,577
STEPPING ON OBJECTS																
Nails	473	1	-	-	66	57	75	274	11,540	6,000	-	-	2,558	995	858	1,129
All other sharp objects	65	-	-	2	11	7	9	36	4,003	-	-	3,300	332	123	104	144
<i>Striking Against Objects</i>																
Fellow employees	30	-	-	-	10	2	5	13	1,114	-	-	-	960	32	61	61
Nails	157	-	-	1	39	19	27	71	2,899	-	-	-	1,674	349	314	262
Other fixed objects	436	5	-	4	165	45	47	170	47,400	30,000	-	-	10,841	823	538	678
Splinters or sharp projections from walls or structures	122	3	-	1	42	13	23	40	21,117	18,000	-	300	2,159	232	277	149
All other objects	753	-	-	6	278	98	103	268	32,456	-	-	13,200	15,110	1,787	1,205	1,154

INTO EXCAVATIONS

Ditches and trenches	43	-	-	15	4	11	13	1,129	-	-	-	868	74	136	51
Other excavations (not tunnels, mines or quarries)	15	-	-	7	2	2	4	852	-	-	-	774	38	24	16
CAVE-INS (NOT MINES OR QUARRIES)															
Ditches and trenches	49	1	-	33	6	2	6	10,906	-	6,000	-	3,543	111	24	28
Tunnels	1	-	-	1	-	-	-	42	-	-	-	42	-	-	-
Other excavations	17	2	-	11	1	1	2	12,995	-	12,000	-	951	20	12	12
Falling objects inside mines and quarries	7	-	-	2	1	1	3	112	-	-	-	71	20	9	12
Handling of Objects	10,226	21	1	4,199	1,350	1,291	3,262	496,749	126,000	6,000	62,850	247,853	24,608	15,032	14,406
HEAVY OBJECTS															
Caught between object handled and other object	840	1	-	338	104	90	278	37,816	6,000	-	9,900	17,744	1,908	1,088	1,176
Objects dropped	1,111	1	-	453	155	135	360	42,346	6,000	-	5,250	25,111	2,819	1,589	1,577
Objects falling from load (while loading or unloading)	269	1	-	122	36	31	76	17,347	6,000	-	1,350	8,644	670	359	324
Objects falling from pile (while piling or unpling)	139	1	-	63	23	17	34	12,147	6,000	-	1,200	4,163	433	209	142
Objects thrown	109	-	3	30	8	14	54	4,256	-	-	2,400	1,308	157	155	236
Strain in handling	3,765	9	1	1,919	434	430	965	212,702	54,000	6,000	6,900	128,243	7,953	5,017	4,580
Handled	795	1	-	286	105	105	293	26,468	6,000	-	2,250	13,540	1,882	1,194	1,302
SHARP OR ROUGH OBJECTS															
Bones	108	-	-	30	20	13	44	2,706	-	-	-	1,714	361	143	188
Castings	8	-	-	2	2	-	3	389	-	-	-	48	32	-	9
Glass	322	1	-	68	57	63	126	18,740	6,000	-	7,200	3,316	1,026	705	493
Protruding nails in objects handled	237	-	-	64	44	34	86	10,135	-	-	-	3,159	797	405	374
Protruding wires	176	1	-	51	25	22	73	14,357	6,000	-	5,400	1,905	456	267	329
Sheet metal and sheet metal objects	196	1	-	61	31	28	67	14,501	6,000	-	3,300	4,042	566	338	255
Shivers, metal	179	-	4	57	26	25	67	4,967	-	-	1,500	2,435	468	292	272
Shivers, wood	442	3	-	135	59	63	176	31,830	18,000	-	4,800	6,549	1,066	735	680
All other	611	1	-	145	100	99	265	15,922	6,000	-	300	5,540	1,795	1,120	1,167
HAND TRUCKS, CARTS AND WHEEL-BARROWS															
Caught between truck and other object	96	-	-	37	13	17	26	3,765	-	-	900	2,321	231	197	116
Object falling from, not in loading or unloading	69	-	-	31	6	12	20	2,014	-	-	-	1,646	112	155	101
Overturning	50	-	-	24	5	7	14	1,714	-	-	-	1,491	92	83	48
Struck by truck handled by injured person	263	-	-	102	36	31	93	7,006	-	-	600	4,979	667	362	408
Struck by truck handled by co-worker	76	-	-	26	9	11	30	1,725	-	-	-	1,293	165	131	136
All other	365	-	-	155	52	42	112	13,896	-	-	3,600	8,362	952	498	484
Hand Tools	2,522	3	-	702	368	366	1,038	119,998	18,000	-	48,000	38,918	6,660	4,249	4,171
IN HANDS OF INJURED WORKER															
Breaking or coming apart of tool	35	-	-	11	4	6	14	1,217	-	-	-	1,010	83	65	59
Flying particles set in motion by tool, not specified	99	-	-	19	8	13	56	6,877	-	-	-	966	143	141	227

TABLE XI.—*Machinery—Frequency of Injuries, by Manner of Occurrence and by Part of Machine, July 1, 1933, to June 30, 1934*

MANNER OF OCCURRENCE	Total	PART OF MACHINE ON WHICH ACCIDENT OCCURRED							
		Point of Operation	Belts	Cranks or Eccentrics	Flywheels	Gears	Set Screws, Keys and Bolts	Counter-weights	All other
Adjusting machine, tool or work	561	330	76	2	2	46	4	1	100
Starting, stopping or operating machine	2,320	1,976	26	15	6	62	2	1	232
Cleaning or oiling machine	339	199	25	-	-	46	1	1	67
Repairing machine	131	60	15	-	-	11	-	-	45
Breaking of machine, tool or work	216	106	26	2	-	2	1	-	79
Flying objects	382	244	-	-	1	1	-	-	136
All other	1,149	89	26	4	1	28	3	1	997
Grand Total	5,098	3,004	194	23	10	196	11	4	1,656

TABLE XII.—Study showing Condition of Dependents in Uninsured Fatal Cases, July 1, 1933, to June 30, 1934

Industries	Occupations	Age	Wage	Amount payable in Analogous Cases	Dependents	Settlement	Financial Condition
Professional	Painter	37	\$53 00	\$6,400 00	Widow and six children	\$6,200 00	Widow is being paid twenty-five dollars (\$25.00) a week until six thousand two hundred (\$6,200) has been paid.
Steam railroad	Trackman	32	12 68	250 00	None	1,000 00	No further information available.
Steam railroad	Freight brakeman	41	33 00	6,400 00	Widow and five children	None	No further information available.
Steam railroad	Brakeman	41	35 00	4,000 00	Widow	Suit pending	No further information available. Financial condition fair.
Steam railroad	Locomotive fireman	48	26 49	4,000 00	Widow	Suit pending	Poor financial condition.
Steam railroad	Crane operator	37	32 40	6,400 00	Widow and four children	Suit pending	Very poor financial condition.
Building cleaning and maintenance	Cleaner	56	9 77	5,600 00	Widow and two children	Suit pending	Poor financial circumstances
Steam railroad	Brakeman	42	32 50	6,400 00	Widow and five children	Suit pending	Employer has offered three thousand dollars (\$3,000 00) which was refused by widow.
Steam railroad	Car inspector	68	32 04	4,000 00	Widow	Suit pending	Very poor financial condition.
Milk and egg dealer	Manager	28	18 00	5,600 00	Widow and two children	None	Very poor financial condition.
Manufacturing, cotton goods	Fireman's assistant	48	21 95	4,000 00	Two children	\$3,000 00	Very poor financial circumstances.
Steam railroad	Assistant yardmaster	65	39 92	4,000 00	Widow	None	Very good financial condition.
Harvesting ice	Laborer	23	30 80	250 00	None	None	Single man, no dependents.
Cotton yarn manufacturing	Overseer	49	30 80	5,600 00	Widow and two children	\$2,000 00	Fair financial condition.
Express	Car sorter and loader	32	29 75	4,800 00	Widow and one child	5,600 00	Good financial condition.
Steam railroad	Foreman	42	35 00	5,600 00	Widow and two children	2,500 00	Fair financial condition.
Steam railroad	Crossing tender	61	15 00	4,000 00	One child	None	Suit for twenty-five thousand dollars (\$25,000.00) pending. Financial condition good.
Steam railroad	Freight conductor	65	35 00	4,000 00	Widow	600 00	Good financial condition.
Taxi service	Taxi driver	45	21 00	6,400 00	Widow and three children	None	Fair financial circumstances.
Steam railroad	Section laborer	26	8 64	250 00	None	None	Single man, no dependents.
Granite quarrying	Crane operator	33	22 00	5,600 00	Widow and two children	Suit pending	Very poor financial condition.
Furniture mover	Helper	54	18 00	4,000 00	Widow	Suit pending	Very poor financial condition. On welfare.

TABLE XIII.—Conjugal Condition and Dependency in Cases of Fatal Injuries, July 1, 1933, to June 30, 1934

INDUSTRIES	CONJUGAL CONDITION				DEPENDENCY		
	Single	Married	Widowed	Divorced	NUMBER OF CASES		NUMBER OF PERSONS
					Whole De- pendency	Partial De- pendency	Whole De- pendents
Agriculture, Forestry and Animal Husbandry							
Agriculture	2	1	—	—	2	—	4
Ice harvesting	1	1	—	—	2	—	4
Quarrying	—	2	—	—	2	—	2
Extraction of Minerals							
Quarrying	—	13	1	1	14	1	37
Building Trades							
Hand trades	—	4	1	1	5	1	15
Carpenter	—	6	—	—	6	—	11
Mason	—	2	—	—	2	—	4
Plumber	—	1	—	—	1	—	7
Chemical and Allied Products							
Paints, varnish, japanning	1	3	—	—	3	—	12
Other chemical workers	1	2	—	—	2	—	11
Clay, Glass and Stone Products							
Glass makers, workers	1	4	—	—	4	—	8
Marble and stone cutters	1	3	—	—	3	—	5
Clothing							
Clothing makers	1	1	—	—	1	1	4
Food and Kindred Products							
Bakeries, bread and other bakery products	—	6	—	—	6	—	22
Candy, confectionery	—	1	—	—	1	—	7
Fish curers and packers	—	2	—	—	2	—	8
Slaughtering and packing houses	—	1	—	—	1	—	5
Other food preparers	—	1	—	—	1	—	1
Iron and Steel and Their Products							
Foundries and metal working, tools	2	11	1	—	11	2	24
Ship and boat building	—	4	1	—	4	—	6
Other iron and steel workers	2	6	—	—	6	2	17
Leather and Its Finished Products							
Shoes	—	4	1	—	4	—	8
Tanneries	—	3	—	—	3	—	5
Liquors and Beverages							
Breweries	—	1	1	—	1	—	3
Lumber and Its Re-manufacture							
Box makers (wood)	1	3	1	—	3	—	5
Saw and planing mills	—	1	—	—	1	—	2
Other wood workers	1	1	1	—	1	—	1
Metals and Metal Products Other Than Iron and Steel							
Brass mills	1	2	—	—	2	1	2
Jewelry factories	1	1	—	—	1	1	1

Textile	.	.	.	.	.	.	.	.	.	21	.	.	.	.	.	1	.	.	.	.	24
Rubber	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	1	.	.	.	.	2
Laundry	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	1	.	.	.	.	1
Hoisting apparatus	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	2
Miscellaneous	.	.	.	.	.	.	.	.	.	46	.	.	.	.	.	1	.	.	.	.	75
Farm	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	1	.	.	.	.	1
Engineering and contracting	.	.	.	.	.	.	.	.	.	3	.	.	.	.	.	1	.	.	.	.	3
Clay, glass, stone	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	1	.	.	.	.	1
Food	.	.	.	.	.	.	.	.	.	11	.	.	.	.	.	1	.	.	.	.	18
Metal working	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	1	.	.	.	.	2
Leather	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	1	.	.	.	.	6
Wood working	.	.	.	.	.	.	.	.	.	3	.	.	.	.	.	1	.	.	.	.	3
Paper	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	1	.	.	.	.	1
Printing and bookbinding	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	1	.	.	.	.	1
Textile	.	.	.	.	.	.	.	.	.	12	.	.	.	.	.	1	.	.	.	.	15
Rubber	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	1	.	.	.	.	2
Miscellaneous	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	1
Other	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	1	.	.	.	.	2
Hoisting apparatus	.	.	.	.	.	.	.	.	.	12	.	.	.	.	.	1	.	.	.	.	19
Machinery, total	.	.	.	.	.	.	.	.	.	361	.	.	.	.	.	10	.	.	.	.	514
Vehicles	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	18	.	.	.	.	25
Fires, explosions, etc.	.	.	.	.	.	.	.	.	.	8	.	.	.	.	.	2	.	.	.	.	13
Falls of persons	.	.	.	.	.	.	.	.	.	4	.	.	.	.	.	1	.	.	.	.	15
Stepping, etc.	.	.	.	.	.	.	.	.	.	9	.	.	.	.	.	1	.	.	.	.	13
Falling objects, etc.	.	.	.	.	.	.	.	.	.	5	.	.	.	.	.	1	.	.	.	.	5
Handling objects	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	3	.	.	.	.	92
Hand tools	.	.	.	.	.	.	.	.	.	68	.	.	.	.	.	5	.	.	.	.	43
Miscellaneous	.	.	.	.	.	.	.	.	.	16	.	.	.	.	.	3	.	.	.	.	34
	.	.	.	.	.	.	.	.	.	23a	.	.	.	.	.	1	.	.	.	.	1
Grand Total	.	.	.	.	.	.	.	.	.	496a	.	.	.	.	.	12	.	.	.	.	754
	.	.	.	.	.	.	.	.	.	7	.	.	.	.	.	20	.	.	.	.	5
	.	.	.	.	.	.	.	.	.	62b	.	.	.	.	.	15	.	.	.	.	11
	.	.	.	.	.	.	.	.	.	17c	.	.	.	.	.	26	.	.	.	.	5
	.	.	.	.	.	.	.	.	.	2c	.	.	.	.	.	1	.	.	.	.	5

a These numbers include one case of amputation of one finger or thumb and one toe.

b These numbers include one case of amputation of two or more fingers or thumbs and fingers on both hands; and two cases of amputation of right thumb and index finger, two phalanges; and two cases of amputation of right thumb and one or more fingers, two phalanges.

c These numbers include one case of amputation of all toes on one foot and one toe on left foot, one finger on left hand and one finger on right hand.

d This number includes two cases of amputation of right thumb and index finger, two phalanges, and one case of amputation of right thumb and one or more fingers, two phalanges.

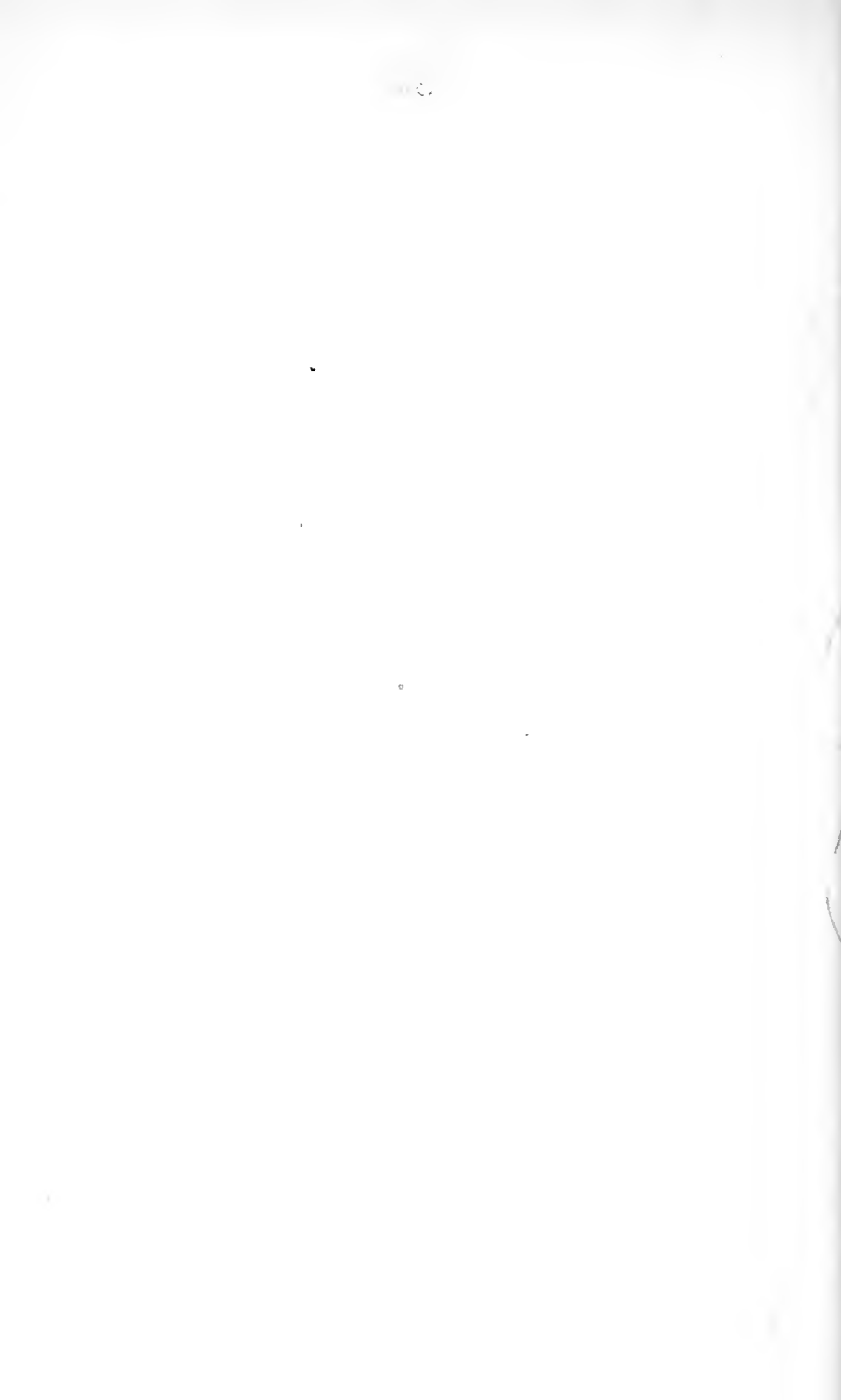
e These numbers include one case of amputation of right thumb and index finger, two phalanges.

f These numbers include one case of amputation of right thumb and one or more fingers, two phalanges.

g This number includes two cases of amputation of right thumb and index finger, two phalanges; and two cases of amputation of right thumb and one or more fingers, two phalanges.

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BOOKBINDING CO., INC.

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CHARLESTOWN, MASS

